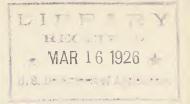
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Do not assume content reflects current scientific knowledge, policies, or practices.



62,39

1926





"The Chimneys" in the Great Smoky Mountain National Park Area—
The Home of Rare Plants

Harlan P. Kelsey Salem, Massachusetts



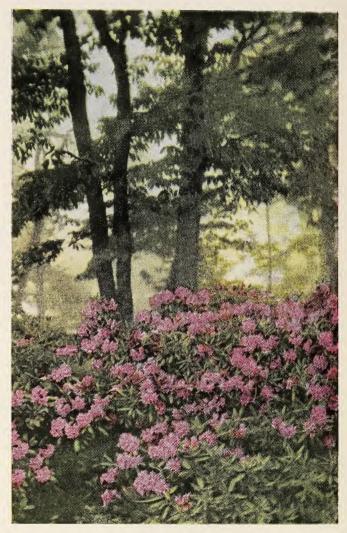
KELSEY-HIGHLANDS NURSERY

Rhododendrons and Azaleas Carolina Mountain Flowers Specimen Evergreens Rare Plants

"Hardy New England Grown—Best by Test"

Memher

American Association of Nurserymen Massachusetts Nurserymen's Association New England Nurserymen's Association



Mass of CATAWBA RHODODENDRON (R. catawbiense) in its Native Haunts in the High Carolina Mountains. Noted for its Rich Color and Extreme Hardiness.

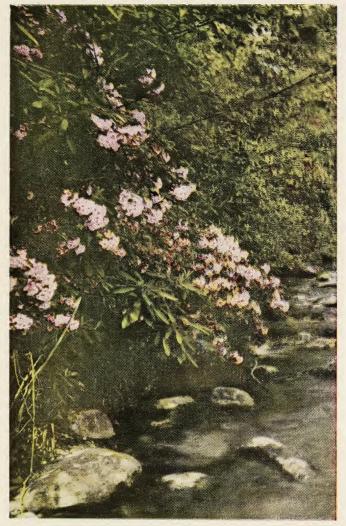


Photo by Thompson Bros., Knoxville, Tenn.

MOUNTAINLAUREL or KALMIA Fringing a Trout Brook in the Tennessee Mountains.



THE EXQUISITE ROSEBAY RHODODENDRON the best known of our Splendid Hardy Native American Species. Color White or Blush-pink.



Reproduced from "Wild Flowers and Ferns," by courtesy of Herbert Durand, Author.

FLAME AZALEA (A. calendulacea)

Bartram says, "This is certainly the most gay and brilliant-flowering shrub yet known."

"The Most Beautiful American Conifer"



@ 1923 by Harlan P. Kelsev

Photographed by Harlan P. Kelsey at the Arnold Arboretum, Jamaica Plain, Mass.

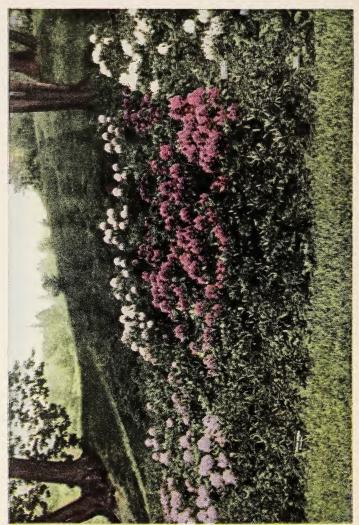
CAROLINA HEMLOCK (Tsuga caroliniana)

Its dense, dark foliage, sweeping semi-pendulous branches and eventually pyramidal form combine to give a charm not found in any other evergreen known to cultivation.



Specimen Koster Blue Spruce

See prices on page 16



Hardy Catawba Hybrid Rhododendrons in Highland Park, Rochester, N. Y.

Kelsey-Highlands Nursery

Hardy Native American Plants and Specimen Evergreens are Specialties at Kelsey-Highlands Nursery, backed by over thirty years' experience. Many of our choicest American ornamentals have been introduced to cultivation by me, including Carolina Hemlock, Azalea vaseyi, Rhododendron carolinianum, Lilium grayi, Shortia galacifolia, Robinia kelseyi, Rhododendron catawbiense compacta, and many others.

Shipping Season begins in Spring, when frost leaves the ground, usually March 15 to June 1st. August planting of Specimen Evergreens—Rhododendrons, Kalmias, Leucothoes, Conifers and many Bulbs and Herbaceous Plants—has proved most successful, general stock going out again from September to December.

Shipping Instructions should be given, otherwise I use my best judgment, but assume no risk. All shipments travel at purchaser's risk and carriers must be held liable for any damage in transit. All stock becomes the property of the purchaser on delivery to transportation company or carrier.

Insurance. No guarantee, express or implied, is made that stock will grow, whether planted by me or otherwise. Having no control over after-treatment of plantings or over weather conditions, it is obvious that purchaser must assume all responsibility after stock leaves the Nursery in good condition. However, under certain conditions I am prepared to guarantee plantings made by me covering a specified period, on an insurance basis. Charges will be made according to the risk involved and value of material.

Claims for errors must be made on receipt of goods. If there is any mistake or fault on my part it will be gladly rectified.

Truck Delivery. Where the size of order warrants, there are distinct advantages in auto-truck delivery for distances up to 30 to 50 miles, and we have made large deliveries up to 200 miles. Stock arrives quickly and when wanted, and is delivered fresh on the grounds, saving local trucking and unpacking. Charges are made according to size of truck and distance traveled.

Prices are made to fit the quality of the stock sent out. Discriminating buyers now realize that the greatest value of nursery stock is underground. Frequent transplanting and handling specimens with adequate burlapped balls, means success and quick results. It costs more, but it is the fixed policy of the Kelsey-Highlands Nursery, and "cheap" stock will not be handled or sent out. The best is always the cheapest.

Special Selection. Stock *specially selected* at Nursery or ordered by mail will be charged at advance prices to fit the value of stock selected. The prices in this catalog cover the average good grades as they run in the nursery row.

Packing Charges. At prices printed in this catalog, boxing, balling or burlapping is free, except where small sizes or deciduous stock is balled and burlapped by special request. In such cases a charge to cover cost is made as follows:

Copyright, 1926, by Harlan P. Kelsey

Burlaping Charges—	Each
Small sizes	\$0.10
2 to 3 ft. clumps and trees	15
3 to 4 ft. clumps and trees	20
4 to 6 ft. clumps and trees	25
6 to 8 ft, clumps and trees	30

On orders to the Trade, packing cost and B. and B. is always charged.

Larger sizes are billed in proportion. Where large evergreens are shipped on "platforms," a suitable charge will be made to cover cost.

Terms. Cash or satisfactory reference from unknown customers. All accounts are due the first of each month, unless by special arrangement. Five at 10 rate; 50 at 100 rate; 500 at 1,000 rate. 5 per cent discount may be deducted when cash accompanies order. When not taken, extra plants will be sent to cover such discount.

Quarantine. The Federal Horticultural Board has proclaimed a practically complete embargo on all Foreign Trees and Shrubs and most Herbaceous Plants. Americans are now learning that our Native Trees and Plants are hardier, freer from disease, more permanent, and far more beautiful and "fitting" in our landscapes and home grounds than exotic material. Still the best exotics can and now will be grown in America for Americans. We are growing them by thousands.

All prices subject to change with the market.

HARLAN P. KELSEY

Kelsev-Highlands Nurserv

Salem, Mass.



Photo by Staley

FRASER FIR (Abies fraseri) at Skyland, Va.

10%

discount to Landscape Architects, Parks, Cemeteries and Other Public Institutions.

HARLAN P. KELSEY

1,



Evergreens and Conifers

THE use of Evergreens has increased so rapidly that there is a great shortage of them in America today. Yet I would warn that the best landscape effects are generally to be had by a judicious use of both evergreen and deciduous trees and shrubs, in various combinations. Solid forest plantings of either Evergreens or Hardwood Deciduous Trees, however, are often desirable in special situations.

I would particularly warn against the solid evergreen "base plantings" around dwellings, so frequently seen of late, and especially where large-growing conifers are used. The somewhat pleasing effect of the first few seasons is dearly paid for when the taller growing trees become thin, leggy and worthless (from overcrowding) and everything must be ripped up and the space replanted. Of course such procedure is doubly profitable to the Nurseryman—if you can trust him the second time!

Evergreens like all plants must have room to develop and no planting should be made without a knowledge and consideration of the eventual sizes and habits of the material used.

Note.—The hights given are those reached by the trees and shrubs under most favorable conditions or in their native habitat. In cultivation the hights will usually be much less.

ABIES, Fir. 10 100 concolor, White Fir.

Tree to 120 feet tall. Hardy in southern Canada. Bluish-green leaves and handsome pyramidal growth. One of the most successful of American Firs for cultivation, withstanding heat and drought well. Makes a magnificent lawn specimen.

12-18 in.	\$ 2.00	\$18.00
18-24 in.	3.50	31.50
2-3 ft.	5.00	45.00
3-4 ft.	7.00	63.00
4-5 ft.	10.00	90.00
5-6 ft.	12.00	108.00

Extra Specimens, 8-20 ft., \$16.00 to \$150.00 each

fraseri, Fraser Fir.

Tree to 60 feet tall. A fine species of "Balsam" Fir from the Carolina Mountains, very superior to the Northern Balsam Fir.

12-18 in. 1.00 9.00 Extra Specimens, 12-14 ft., \$15.00 to \$50.00 each

homolepis (brachyphylla), Nikko Fir.
Tree to 120 feet tall. Very hardy and is proving one of the most satisfactory and ornamental Firs at the Arnold Arboretum. A broad pyramidal tree, densely branched to the ground, with dark green lustrous foliage.

> 2-3 ft. 6.00

veitchi, Veitch Fir.

Tree to 80 feet tall. One of the very best Firs of broad pyramidal habit almost equalling White Fir in beauty. Very hardy.

> 1.00 9-12 in. 81.00 12-15 in. 1.50 13.50 Extra Specimens, 7-20 ft., \$15.00 to \$100.00 each

ANDROMEDA polifolia. (See under Broadleaf Evergreens.)

ARCTOSTAPHYLOS uvaursi. (See under Broadleaf Evergreens.)

CHAMAECYPARIS, Cypress and Retinospora.

obtusa, Hinoki Cypress.

Tree to 120 [eet tall in Japan; rarely over 30 feet in cultivation. Very handsome with dark green lustrous foliage, very dense, Japanesey effect. 9-12 in.

CHAMAECYPARIS, Continued pisifera, Sawara Retinospora.	Each	10	100
Tree to 100 feet, probably not over and hardiest of the Retinosporas.	40 feet in	cultivation.	One of the best
12-18 in. 18-24 in.	$\frac{1.00}{2.00}$	$\frac{9.00}{18.00}$	
2-3 ft. 3-4 ft.	3.00 5.00	$\frac{27.00}{45.00}$	

pisifera filifera, Thread Retinospora.
Branches thread-like, gracefully pendulous, rarely reaching 25 feet.

12-15 in.	.75	6.75
15-18 in.	1.25	11.25
2-2½ ft.	4.00	36.00

pisifera plumosa, Plume Retinospora.

Dense conical habit, reaching perhaps 20 feet. Foliage and branchlets giving feathery appearance.

9.00 12-18 in. 1.00

pisifera squarrosa, Moss Retinospora.

Densely branched bushy tree or shrub with spreading feathery branchlets. Silvery foliage.

9-12 in. 6.75

CHAMAEDAPHNE calyculata. (See under Broadleaf Evergreens.)

DAPHNE cneorum. (See under Broadleaf Evergreens.)

ILEX. (See under Broadleaf Evergreens.)

JUNIPERUS, Juniper, Redcedar and Savin.

chinensis pfitzeriana, Pfitzer Juniper.

Broad pyramid with horizontally spreading branches. Grayish-green. One of the best dwarf forms.

6-9 in.	1.25	11.25
9-12 in.	2.00	18.00
12-18 in.	3.00	27.00
18-24 in.	4.00	36 00

chinensis sargenti, Sargent Juniper.

Introduced by Arnold Arboretum. "The originals here are now dense mats of bright green foliage, 10 feet across and only a few inches high." 12-15 in.



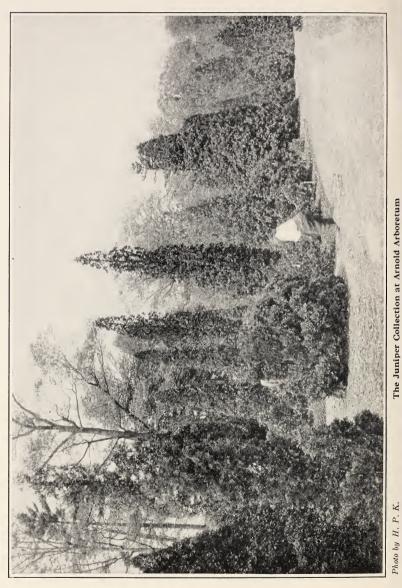
Photo by H. P. K.

Douglasfir at Arnold Arboretum

HARLAN P. KELSEY, SALEM, MASSACHUSETTS

J

JNIPERUS, Continued	Each	10	100
Rarely exceeds 4 feet in hight. Th	iper.	T?11 4	
best of ground covers. Very hardy	e beautiful Ne	w England t	ype and the
	2.00	18.00	sons.
9-12 in. 12-18 in.	4.00	36.00	
18-24 in.	6.00	54.00	
Communis suecica, Swedish Junip			
Rarely 40 feet high. Narrow colum			
12-18 in.	.75	6.75	
excelsa stricta, Spiny Greek Junipe	er.		
Columnar habit and glaucous folias		10.50	
12 in.	1.50	13.50	
horizontalis douglasi, Waukegan J	uniper.		
Trailing form with steel-blue foliag	e, turning purp	le in Autumr	1.
12-18 in.	1.50	13.50	
sabina, Savin.			
Spreading or procumbent shrub ra	rely with erect	stem to 10 f	eet. Fine for
rock work and dwarf plantings.			
9-12 in.	1.25	11.25	102.00
12-18 in.	1.75	15.75	141.00
18-24 in.	2.25	21.00	195.00
sabina tamariscifolia, Tamarix Sav	in.		
Usually prostrate becoming 3-6 ft	in diameter.	Bluish-green	foliage. One
of the most beautiful of all the Jun	-		
6-9 in.	1.00	9.00	81 00
9-12 in. 12-18 in.	$\frac{1.25}{2.00}$	$\frac{11.25}{18.00}$	$102.00 \\ 162.00$
		10.00	102.00
Smith Redcedar (<i>J. virginiana smith</i> A small compact pyramidal tree, ti green thru Winter.		pendulous, f	oliage bright
2-2½ ft.	6.00	54.00	
sphaerica (fortunei). Reaches 30 ft., dense growth.			
12-18 in.	1.50	13.50	
	1.50	13.50	
squamata meyeri, Meyer Juniper. Upright shrub, very handsome on a bluish-white foliage.	ecount of its de	ense habit and	d remarkable
12-18 in.	6.00		
virginiana, Redcedar.			
Tree to 100 feet tall with many f conical. Our hardy New England southern forms.	orms from nar type is far sup	row columna perior to the	r to broadly western and
18-24 in.	2.00	18.00	162.00
2-3 ft.	2.50	21.00	
3-4 ft.	3.50	31.50	
4-5 ft.	4.50	40.50	
5-6 ft. 6-7 ft.	$\begin{array}{r} 7.00 \\ 8.00 \end{array}$	$63.00 \\ 72.00$	
7-8 ft.	10.00	90.00	
8-9 ft.	12.00	108.00	
9-10 ft.	18.00	162.00	
10-12 ft.	22.00	198.00	
12-14 ft. 14-16 ft.	30.00 40.00	$270.00 \\ 360.00$	
		300.00	~
virginiana glauca, Silver Redcedar.		5	ASSES NO.
Form with steel-blue foliage.	4 00	26 00	224 00
18-24 in. 2½-3 ft.	4.00 6.00	36.00 54.00	324.00
3-3½ ft.	8.00	72.00	
virginiana keteleeri. Perhaps reaching 20 feet. Compact			ing branches
and dark green scale-like foliage.	4.00		
	4 (11)		



HARLAN P. KELSEY, SALEM, MASSACHUSETTS

canadensis (alba: P. glauca), White Spruce.
Tree to 60 or 70, rarely to 120 feet tall. Very hardy and beautiful ornamental species of dense habit, with light bluish-green foliage, particularly suitable

 $\frac{.75}{1.00}$

1.60

6.75

9.00

14.40

100

60.00

KALMIA. (See under Broadleaf Evergreens.) Each

PICEA, Spruce.

for shore planting.

LEIOPHYLLUM buxifolium. (See under Broadleaf Evergreens.) LEUCOTHOE catesbaei. (See under Broadleaf Evergreens.)

9-12 in.

12-18 in.

18-24 in.

6-8 ft. 10.00 90.00Larger Specimens up to \$50.00 each canadensis albertiana, Alberta (Black Hills) Spruce.
Compact pyramidal form from Wyoming and Montana. Dark green foliage. 9-12 in. .60 5.40canadensis caerulea, Silver White Spruce. Fine variety with silvery-white leaves.
8-10 ft. 15.00 Dwarf Alberta Spruce. Very dwarf conical form of Alberta Spruce. 9-12 in. 3.50 31.50englemanni, Engelmann Spruce.

Tree to 150 feet tall, with slender spreading branches in closely arranged whorles, forming a dense and narrow pyramid. Leaves bluish-green to steelblue; flowers purple. Very ornamental tree. 2.00 3.00 12-18 in. 18.00 162.00 18-24 in. 27.00excelsa, Norway Spruce. Tree to 150 feet tall. Spreading branches and usually pendulous branchlets. Handsome tree of rapid growth. .50 9-12 in. 4.5039.00 12-18 in. .75 6.00 54.00 18-24 in. 1.25 11.25 102.00 6-8 ft. 9.00 81.00 excelsa conica, Arrowhead Norway Spruce. Makes a perfect cone-shaped tree 12 or 15 ft. high. 3-4 ft. 15.00 excelsa maxwelli, Maxwell Spruce. A low, flat, dense form, not exceeding 2 feet in hight. 12-18 in. koyamai, Koyamai Spruce. Narrow pyramidal free to 60 feet tall. Native of Japan, introduced in 1914 by E. H. Wilson to the Arnold Arboretum, where it has proved hardy. One of the best new Conifers. 6-9 in. .60 5.40 48.009-12 in. 12-15 in. $6.00 \\ 11.25$ $\frac{.75}{1.25}$ 54.00 102.00 omorika, Serbian Spruce. Perhaps the finest species for Northern latitudes, reaching 50-60 ft. in cultivation. Forms a narrow pyramidal head. 11/2-2 ft. 6.00 54.00 orientalis, Oriental Spruce.

Tree to 100 feet or more. Flowers carmine and very beautiful. A graceful Spruce with dark, glossy foliage of slow growth and therefore valuable for small gardens. 2-3 ft. 4.00 3-4 ft. 6.00 pungens, Green Colorado Spruce. Tree \$0-100 feet or more. Handsome tree of symmetrical habit with light-colored foliage. Very popular as a lawn tree and for dry climates. One of the best of all Spruces. 12-18 in. $\frac{1.75}{3.50}$ 2-3 ft. 3-4 ft. 31.50 5.50 Extra Specimens, 9-18 ft., up to \$75.00 each

PICEA, Continued Each 100 pungens kosteri, Koster Blue Spruce.

These are true Koster variety and perfect specimens in every respect. Very bluish-white foliage and pendulous branches. 8-9 ft. 75.00 675.00 9-10 ft. 90.00 810.00 10-12 ft. 120.00 1080.00 12-14 ft. 150.00 pungens glauca, Blue Colorado Spruce. Selected from seedling types but not grafted. Bluish-white foliage. 2.00 9-12 in. 2.00 18.0 Extra Specimens, 7-18 ft., up to \$125.00 each rubra, Red Spruce. Tree to 100 feet tall. Handsome tree of narrow pyramidal habit but requires a cool, moist situation. $\frac{3.50}{5.00}$ 4-5 ft. 30.00 5-6 ft. sitchensis, Sitka Spruce. Tree 100 or more feet tall, forming a broad pyramid. Leaves silvery-white on the upper side. A highly ornamental tree but requires a moist climate to do its best. 9-12 in. .60 5.40 12-18 in .90 8.10 72.00PIERIS. (See under Broadleaf Evergreens.) PINUS, Pine. banksiana, Jack Pine.
Tree to 70 feet, usually much lower. The hardiest of American Pines. Very valuable for planting on dry and sandy soil; picturesque growth. 4-5 ft. 2.50 cembra, Swiss Stone Pine. In cultivation rarely over 25 feet high. Very handsome hardy Pine of sym metrical dense habit and slow growth. White Pine Group. 12-18 in. densiflora, Japanese Red Pine. Tree to 100 feet tall, in cultivation much less. Handsome ornamental Japanese Pine of rapid growth when young, very picturesque when older. $\frac{2.00}{3.00}$ 2-3 ft. 18.00 3-4 ft. 27.00 5-6 ft. 4.00 edulis, Nut Pine. Tree occasionally to 40 or 50 feet tall. Dark green foliage; belongs to White Pine Group. 3-6 in. .50 4.50 flexilis, Limber Pine. Tree to 50 feet or over. A hardy, usually low Pine with spreading branches densely clothed with dark green leaves. Adapted for planting on rocky slopes. White Pine Group. 2-3 ft. 2.00 15.00132.00 3-4 ft. 3.00 27.00 4-5 ft. 5.00 45.00 jeffreyi, Jeffrey Pine. Tree to 120 feet or more, much less under cultivation. A distinct and ornamental Pine remarkable for its long leaves; very hardy. 9-12 in. 6.75 60.00 koraiensis, Korean Pine. Pyramidal tree to 100 feet tall. Of slow growth; one of the best hardy Pines for small gardens. White Pine Group. .75 12-18 in.

Insurance. No guarantee, expressed or implied, is made that stock will grow, whether planted by me or otherwise. Having no control over after-treatment of plantings or over weather conditions, it is obvious that purchaser must assume all responsibility after stock leaves the Nursery in good condition. However, under certain conditions I am prepared to guarantee plantings made by me covering a specified period, on an insurance basis. Charges will be made according to the risk involved and value of material.

1.25

18-24 in.

6.75

11.25

60.00

HARLAN P. KELSEY, SALEM, MASSACHUSETTS

NUS, Continued		Each	10	100
massoniana.		Laci	10	100
Tree to 80 feet tall.	Rare Chinese s	pecies.		
	6-9 in.	. 50	4.50	39.00
	9-12 in.	.75	6.75	
	12-18 in.	1.00	9.00	
nontana, Swiss Mou Very variable in hal midal tree to 40 fee foliage.	bit: usually low.	, often prostrat handsome low	te shrub, som	etimes pyra bright green
ionage.	2-3 ft.	4.00	36.00	
	3-4 ft.	8.00	72.00	
nontana mughus, M Perhaps the most u shrubby and low.	lugho Pine. seful of the Dw	arf Pines for i	oundation pla	anting. Very
211-40-5 41-4-10	6-9 in.	1.00	9.00	
	9-12 in.	1.50	13.50	
	18 in.	3.50	31.50	
Tree to 100 or more to White Pine but of	e feet tall; appa	rently slow gro denser habit.	owing in the I	East. Simila
	2-3 ft.	2.00	18.00	
	3-4 ft.	3.00	27.00	240.00
due Assessine Dine	4-5 ft.	4.00	36.00	324.00
igra, Austrian Pine. Tree to 100 or more with stout spreading	feet tall. Very l	handsome, vigo long dark gree	orous Pine of a	regular habi
	9-12 in.	1.00	9.00	81.00
	12-18 in.	1.25	11.25	102.00
onderosa, Western Tree occasionally to portant timber tree mental.	o 230 feet tall,			
	2-3 ft.	2.00	18.00	162.00
	3-4 ft.	3.00	27.00	240.00
	4-5 ft. 5-6 ft.	5.00 8.00	$\frac{45.00}{72.00}$	363.00
esinosa, Red Pine. Tree to 70 feet or magrowth, one of the b	ore. Long dark g	green leaves; or		e of vigorou
Salvan, one of the	12-18 in.	_	6 75	
	12-18 in. 5-6 ft.	$.75 \\ 6.00$	$\frac{6.75}{54.00}$	
	6-8 ft.	9.00	81.00	
	8-10 ft.	12.00	108.00	
Occasionally attains valuable ornamenta turesque in old age.	l Pines; of rapid			
tarosquo in ora ago.	12-18 in.	.75	6.75	60.00
	4-5 ft.	4.00	36.00	
	5-6 ft.	6.00	54.00	
	5-6 ft. 6-8 ft. 8-10 ft.	6.00 9.00 12.00	81.00 108.00	

sylvestris, Scotch Pine.

Tree to 70 or more feet tall with spreading branches becoming broad and round-topped, and picturesque. Bark bright red.

	9-12 in.	. 25	1.75	15.00
	12-18 in.	. 50	4.50	39.00
	18-24 in.	1.00	9.00	
	2-3 ft.	1.50	13.50	
Specimens	8-10 ft.	10.00	90.00	
Specimens	10-12 ft.	12.50	112.50	

Extra Specimens, \$15.00 to \$30.00 each

thunbergi, Japanese Black Pine.

Tree to 100 or more feet tall. Large winter buds silvery-white. A handsome picturesque tree.

2-3 ft.	2.00	18.00
3-4 ft.	3.00	27.00
4-5 ft.	5.00	

PSEUDOTSUGA. Each 10 100 douglasi, Douglasfir.

In nature attaining 200 feet in hight and more; in cultivation probably 50-75 feet. Forms a pyramidal tree of dense yet graceful habit. Very hardy and

one of the best ornamental Conifers in cultivation.

9-12 in.	.75	6.75	60.00
12-18 in.	1.25	11.25	102.00
18-24 in.	1.75	15.75	
2-3 ft.	3.00	27.00	
3-4 ft.	5.00	45.00	
4-5 ft.	7.00	63.00	
6-8 ft.	12.00	108.00	
8-10 ft.	15.00	135.00	
10-12 ft.	20.00	180.00	

Larger Specimens up to \$75.00 each

RHODODENDRON. (See under Broadleaf Evergreens.)

SCIADOPITYS, Umbrellapine. verticillata, Umbrellapine.

Japanese tree attaining 120 feet, but rarely over 20 or 30 feet in cultivation. Slow growth and forms a narrow pyramidal tree densely clothed with dark green lustrous foliage.

9-12 in, 6.00

TAXUS, Yew.

canadensis, Canada Yew.

Low diffuse shrub rarely up to 6 feet tall. Very hardy and especially useful as undergrowth in shady woods.

6-9 in.	1.00	9.00	81.00
9-12 in.	1.50	13.50	120.00
12-18 in	2.00	18.00	

cuspidata, Japanese Yew.

In Japan attaining a hight of 50 feet. Slow growing, perfectly hardy, the dark green foliage retaining its color thru the winter.

9-12 in.	2.00	18.00
12-18 in.	3.00	27.00
18-24 in.	4.00	36.00
$2\frac{1}{2}$ ft.	6.00	54.00

cuspidata nana, Dwarf Japanese Yew.

Shrubby form of preceding and compact growth.

3-6 in.	1.00	9.00
6-9 in.	1.50	13.50
9-12 in.	2.00	18.00
19_18 in	3 00	27 00

media hicksi, Hicks Yew.

Distinctly columnar form and perfectly hardy at Arnold Arboretum.

12-18 in.	2.00	18.00

THUJA, Arborvitae.

American Pyramidal Arborvitae (occidentalis pyramidalis).

Narrow pyramidal growth, very suitable for formal plantings.

9-12 in. 1.25 11.25 1	102.00
12-18 in. 1.75 15.75 1	41.00
	95.00
2-3 ft. 4.00 36.00	
3-4 ft. 5.50 51.00	

occidentalis, American Arborvitae.

Rarely attaining 60 feet. Very hardy and very useful in landscape plantings. Fine for hedges and windbreaks.

9-12 in.	.40	3.60	33.00
12-18 in.	1.00	9.00	81.00
18-24 in.	2.00	18.00	162.00
2-3 ft.	2.75	24.75	221.00
3-4 ft.	4.00	36.00	
4-5 ft. hvy.	9.00		
5-6 ft. hvy.	12.00		
6-7 ft. hvv.	15.00		

occidentalis alba, Queen Victoria Arborvitae.

Tips of young branchlets white.

18 in.	2.00	18.00

HARLAN P. KELSEY, SALEM, MASSACHUSETTS

THUJA, Continued occidentalis columbia, Columbia Strong habit; foliage "with a be	Each a Arborvitae.	10	100
Strong habit; foliage with a be-	authui shvery vari 5.00	_	
occidentalis compacta, Parsons Globose, light green foliage.		45.00	
12-15 in.	2.40	21.00	
occidentalis ellwangeriana, Tom A low broad pyramidal form, m	Thumb Arborvi uch used in formal	itae. plantings.	
9-12 in. 18 in. 3 ft.	1.00 3.00 6.00	$9.00 \\ 27.00 \\ 54.00$	
occidentalis globosa, American of Dwarf globose form for rockeries	Globe Arborvitae s and formal effect	e. s.	
6-9 in. 9-12 in.	1.00 1.50	9.00 13.50	120.00
occidentalis hoveyi, Hovey Arbo "Dwarf dense ovate-globose form	rvitae. n with bright gree		120.00
18 in. occidentalis lutea, George Peabo Rather strong-growing pyramida		t vellow folia	ge.
12-18 in. 6-8 ft.	2.00 20.00	18.00	
occidentalis reidi, Reid Arborvit Small-leaved form, quite dwarf		r in winter.	
9-12 in. 12-15 in.	$\frac{1.50}{2.00}$	$\frac{13.50}{18.00}$	
occidentalis vervaeneana, Vervae Upright form with bronze winte			
18-20 in. 2 ft.	$\frac{2.40}{3.00}$	$\frac{21.00}{27.00}$	
occidentalis wareana, Ware Arbe Broadly pyramidal, dense type w	orvitae. vith shiny, blue-gre	een foliage, ve	ry desirable.
9-12 in. 12-18 in. 18-24 in. 2-3 ft.	1.00 2.00 4.00 6.00	$9.00 \\ 18.00 \\ 36.00$	81.00
Ware Globe Arborvitae. Variety of dwarfer globe form. 18 in.	3.50	31.50	



CONES OF FRASER FIR

TSUGA, Hemlock. Each 10 100 canadensis, Canada Hemlock.

Attaining rarely 100 feet or more in hight. One of our handsomest ornamental trees for lawn or forest plantings or for hedges. Sizes from 6 feet up are extra heavy specimens. Stands severe clipping.

6-9 in.	. 75	6.75	60.00
9-12 in.	1.00	9.00	81.00
12-18 in.	1.50	13.50	120.00
18-24 in.	2.50	22.50	204.00
2-3 ft.	4.00	36.00	324.00
4-5 ft.	7.00	63.00	
7-8 ft.	18.00	162.00	
8-10 ft.	22.00	198.00	
10-12 ft.	36.00	324.00	
12-14 ft.	45.00	405.00	

canadensis pendula, Sargent Weeping Hemlock.

Flat-topped form with spreading branches and drooping branchlets.

2-3 ft. 18.00

caroliniana, Carolina Hemlock.

Rarely attaining 70 feet in hight, in cultivation 30-50 feet, Carolina Hemlock is unique in habit, with dark, dense, tufted foliage on sweeping pendulous branches with a "Japanese effect." It is hardier and more adapted to trying city atmospheres than the Canada Hemlock and seems to thrive in souther latitudes where the latter becomes thin, yellow and unsightly. Professor C. S. Sargent, Director of the Arnold Arboretum, says, in a letter dated October 30, 1923: "As you know, I consider this tree (Carolina Hemlock) the handsomest Conifer we can grow in New England."

12-18 in.	2.00	18.00	162.00
18-24 in.	3.00	27.00	240.00
2-3 ft.	5.00	45.00	405.00
3-4 ft.	7.00	63.00	567.00
4-5 ft.	12.00	108.00	972.00
5-6 ft.	20.00	180.00	
8-10 ft	75.00		

sieboldi, Siebold Hemlock.

In Japan attaining 100 feet. A valuable variety but not as useful as the Carolina and Canada species.

l8-24 in.	4.00	36.00
2-3 ft.	6.00	54.00
3-4 ft.	8.00	72.00

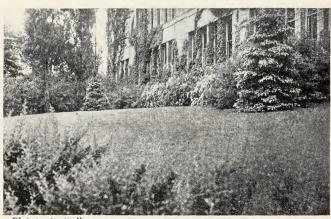


Photo by H. P. K.

Base Planting at Normal School, Salem, Mass. There is a path between planting and building.



The Blue Ridge Mountain Home of the CAROLINA HEMLOCK which is seen at the right

Kelsey's Hardy American Rhododendrons, Kalmias, Andromedas and Other Broadleaf Evergreens

Given proper soil conditions and exposure or location, all native species are perfectly hardy in the latitude of Quebec.

The desirable hybrids are not strictly hardy—many are really tender—and so for general planting and for successful results we must turn to our hardy native species, using the hybrids sparingly or where specially protected by mass planting of the indigenous sorts. Not even in Asia do Rhododendrons grow so luxuriantly as in our own southern Alleghany Mountains, where they attain a hight of 30 feet and more, assuming tree-like proportions. They must be seen in their native lavishness of growth and bloom, on the mountain sides or hanging over the dashing, ice-cold streams and waterfalls, to be properly appreciated, and a trip to the high Carolina mountains in spring and early summer is a never-to-be-forgotten series of joys to the lover of nature.

With proper knowledge and experience, this beauty and wildness may be transferred to our gardens and lawns. Our long experience is at the service of customers at all times.

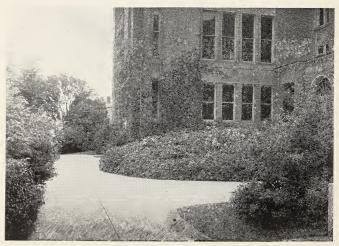


Photo by H. P. K.

Rhododendron Bed and Base Planting to relieve Brick Walls and Concrete
Paving at Normal School, Salem

Broadleaf Evergreens

Dioau	icai E	cigic	CIIS	
ANDROMEDA, Bogrosema	ry.	Each	10	100
polifolia, Bogrosemary. Dwarf, low shrub, very	useful for mos	ina in frant	of Dhododon	duone
Dwari, low shrub, very	6-12 in.	ssing in iront	4.50	urons.
ARCTOSTAPHYLOS	0-12 III.	. 50	4.50	
uvaursi, Bearberry.				
Evergreen creeping shr	ub forming der	ise carpet.		
	$2\frac{1}{2}$ in. p ts	.60	5.40	48.00
BUXUS, Box.				
ovalifolium. Very hardy species with	light green fol	iage		
		6.00	54.00	
CALLUNA, Heather.	CCIIIICIID 2 10.	0.00	01.00	
vulgaris, Scotch Heathe	r			
This is found to be q	uite hardy in	New Englan	d, blooming i	n July and
August.		1.00	9.00	
vulgaris alba, White He	ather.			
Attractive white form.				
1	6-9 in.	1.00	9.00	
vulgaris carnea, Flesh H Flesh-colored flowers.	leather.			
resir colored nowers.		1.00	9.00	
vulgaris, var. Golden.		1.00	0.00	
Variety with bright bro	onze or golden	foliage.		
		1.00	9.00	
CHAMAEDAPHNE, Leathe				
calyculata, Leatherleaf. An aquatic Evergreen	growing wall in	nontre coil e	nd suitable fo	r orignacous
plantings.	growing wen in	peaty son a	nd suitable io	ericaceous
-	9-12 in.	.75	6.75	
DAPHNE, Daphne.				
cneorum, Rose Daphne.		f	. h.l	41:
A most beautiful low ha the green leaves in the	month of May	iragrant pini ire verv attra	ctive. Fine for	r rockery.
	6-9 in.		6.75	
	9-10 in.	1.00	9.00	
ERICA, Heath.				
stricta, Corsican Heath Reaches 2 feet. Flower	roev-nurnlo			
10000000 2 1000. 1 10 001	4-6 in.	.60	5.40	
GALAX, Galax.	1 0 111.	.00	0.10	
aphylla, Galax.			_	
Beautiful heart-shaped Leaves turn brilliant sc	leaves and wh	ite spike of t	dowers 10-12 i	inches high.
for Rhododendron Bed		osed to the st	in. Spiendid g	iouna cover
St	rong clumps	. 50	4.50	39.00
GAYLUSSACIA, Huckleber	rry.			
brachycera, Box Huckle	berry.	. 1	h.). f	
Very rare and dwarf E	vergreen mucki 3-6 in.		9.00	cover.
ILEX, Holly.	3-0 in.	1.00	9.00	
crenata, Japanese Holly				
Shrub or small tree up hedge plant.	to 18 or 20 fe	et. Black fru	iit. Growth d	ense. A fine
neage plant.	3 ft.	6.00	54.00	
glabra, Inkberry.	o 10.	0.00	54.00	
Perhaps 6 to 8 feet in				
	12-18 in.	2.00	18.00	
opaça, American Holly.	a			
Tree rarely 80 feet high fruit lasting thru the w	n. Striking broa	dleaf Everg	een with bril	bant scarlet
multi masting time w	111001.		10 50	

1.50

13.50

12-18 in.

ALMIA, Kalmia. angustifolia, Lambkill.		Each	10	100
A dwarf species, maki		und cover.		
		9 in50	4.50	39.00
carolina, Carolina Kalı	-			
Dwarf species from th flowers.	e South, pro	ving hardy in N	lew England.	Bright pin
	4-6 in.	. 50	4.50	39.00
	6-12 in.	.75	6.75	
One of the most beauty when in blooming-size clumps.	tiful of our B	Broadleaf Evergr ghlands Nursery	een Shrubs, has thousan	of surpassin ds of flowe
	12-18 in.	2.00	18.00	162.00
	18-24 in.	3.00	27.00	240.00
Clumps Clumps	2-3 ft. 3-4 ft.	$\frac{4.00}{6.00}$	$\frac{36.00}{54.00}$	324.00 486.00
polifolia (glauca), Bog K Dwarf variety with de	Calmia.		01.00	100.00
Dwarr variety with de	8-12 in.	.75	6.75	
EDIIM Labordontes	0-12 III.	.10	0.10	
EDUM, Labradortea. groenlandicum, True I 12-18 inches high; ev white flowers.	abradortea ergreen leav	es woolly brow	n underneat	h; handson
	12-18 in.	1.00	9.00	
buxifolium, Box Sandmy Buxifolium, Box Sandn Rarely reaching 2-3 ft soil; covered with whi	nyrtle. . A charming	g heather-like pl th pink stamen: .75	lant requiring s. 6.75	g a sand-pe
buxifolium prostratum Prostrate form of the	n, Alleghany preceding.	y Sandmyrtle.		
	3-6 in.	. 50	4.50	39.00
EUCOTHOE, Leucothoe. catesbaei, Drooping Le Invaluable as a border Azalea plantation. Th	ucothoe. r or undershr	rub and for edgi: liage turns a ricl	ng the Rhodo n bronze in A	odendron ar utumn.
	6-12 in.	. 60	5.40	48.00
	12-18 in.	1.00	9.00	
AHONIA, Hollygrape. aquifolium, Oregon Ho Reaches 3 to 4 feet in lustrous holly-like foli	age.			e berries ar
	8-12 in.	.40	3.60	
ACHISTIMA, Pachistim canbyi, Canby Pachist Remarkably dainty, le	ima.	ming a dense E	vergreen car	pet.
	3-6 in.	1.00	9.00	
ACH YSANDRA, Pachysa terminalis, Japanese P Grows from 6-9 inches hardy. Useful for bord	achysandra high and is o ering walks a	ne of the best gr nd drives under	Evergreen sh	rub plantin
IERIS, Andromeda.	2 yr.	.25	1.75	15.00
floribunda, Mountain Dense, much-branche and May. Perfectly h	d shrub, 2-6	feet tall. White	e nodding flo	wers in Apr
	C O :	1.95	11 05	

6-9 in. 1.25 9-12 in. 1.75 12-18 in. 3.00

japonica, Japanese Andromeda. Shrub, with spreading branches; dark green foliage; flowers white in spreading and drooping panicles. Very handsome and graceful.

 $\begin{array}{c} 11.25 \\ 15.75 \\ 27.00 \end{array}$

18-24 in. 4.50



© H. W. Pelton, Asheville, N. C.

KALMIA or MOUNTAINLAUREL with a Setting of Ferns

Rhododendrons

THE Native American Rhododendrons are the best for American planting, being hardier than both the "hybrids" and the many Asiatic species. Even where the hardier of the hybrid varieties are successful, the dark-foliaged American species, maximum and catawbiense, should form the main background.

RHODODENDRON, Rhododendron. Each 10 100 californicum, Coast Rhododendron. Shrub 8 feet or more high with rosy-purple or pink spotted yellow within, rich carmine in bud.

9-12 in.

carolinianum, Carolina Rhododendron.

A clear pink American species, introduced by Harlan P. Kelsey many years ago. There is no magenta shade in the flowers. Entirely hardy and fine for massing on hillsides and in rockeries.

	9-12 in.	1.00	9.00	81.00
	12-18 in.	1.50	13.50	01.00
	12-18 in.	2.50	21.00	
	18-24 in.	4.00	36.00	
Clumps		6.00	54.00	
Clumps	3-4 ft.	8.00	72.00	

1.00

9.00

catawbiense, Catawba Rhododendron.

The hardiest and best all-round Rhododendron and the one which supplied color and hardiness to the cultivated hybrids. Color, bright red-purple but with considerable variation. Leaves dark shiny green.

	4-6 in.	.60	5.40	48.00
	6-9 in.	1.00	9.00	81.00
	9-12 in.	1.25	11.25	102.00
	12-18 in.	1.75	15.75	141.00
	18-24 in.	2.40	21.00	
Clumps	12-18 in.	2.40	21.00	
Clumps	2-3 ft.	4.00	36.00	
Clumps		6.00	54.00	
Clumps	4-5 ft.	9.00	81.00	



The KELSEY CATAWBA RHODODENDRON Discovered and Introduced by Harlan P. Kelsey



RHODODENDRONS in a PROPER SETTING on the Estate of Walter Hunnewell, Wellesley, Mass.

RI	HODODENDRON, Conti		Each	10	100	
	A dense growing vari	ety discovered a	and introduce		P. Kelsey.	
	Very distinct from the			01.00		
	Clumps Clumps	12-18 in.	$\frac{2.50}{3.00}$	$\frac{21.00}{27.00}$	240.00	
		18-24 in.	$\frac{4.00}{6.00}$	$\frac{36.00}{54.00}$		
	Clumps Clumps	2-3 ft. 3-4 ft.	12.00	34.00		
	catawbiense, Seedling	Hybrids, Unna	med.			
		6-9 in.	1.50	$13.50 \\ 22.50$		
		9-12 in. 12-18 in.	$\frac{2.50}{3.50}$	31.50		
	catawbiense, Named H Some of the hardiest s					
		18-24 in.	8.00			
		2-2½ ft. 2½-3 ft.	$\frac{10.00}{12.00}$			
	dahuricum, Dahurian Shrub to 10 feet. Lea	Rhododendror ves deciduous o	ı.	persistent. I	Rose-colored	
	flowers one inch across	in early April.	5.00			
	laetivirens, Wilson Rho		5.00			
	Lavender.		E 00			
	Clumps	12-18 in. 18-24 in.	$\frac{7.00}{10.00}$			
	maximum, Rosebay RI The white or pink-ting invaluable for hardy I	ged flowers and	late-blooming lantings.	g habit make	this species	
		9-12 in.	1.00	9.00		
		12-18 in. 18-24 in.	$\frac{1.50}{2.00}$	$\frac{13.50}{18.00}$		
		12-18 in. 18-24 in.	$\frac{1.75}{2.50}$	$\frac{15.75}{21.00}$		
	Clumps	2-3 ft.	4.00	36.00		
	Clumps Clumps	3-4 ft. 4-5 ft.	5.50 8.00	$\frac{49.50}{72.00}$		
	micranthum, Manchus			12.00		
	Shrub to 8 feet. Distinct species with dense clusters of small white flowers. Perfectly hardy and very floriferous.					
		9-12 in. 12-18 in.	$\frac{2.00}{3.00}$	$\frac{18.00}{27.00}$		
		18-24 in.	4.00	36.00		
	minus, Piedmont Rhododendron. Shrub rarely 10 feet high, rosy-pink flowers appearing after new foliage.					
		6-9 in. 9-12 in.	$\frac{1.00}{1.50}$	9.00		
	mucronulatum, Korea	n Rhododendr	on.	_		
	A hardy Asiatic specie and one-half inches ac leaves.	s attaining 6 fe ross in early Ap	et in hight. I oril. Handsom	flowers rose- le scarlet Fall	colored, one coloring of	
		12-18 in.	3.50	31.50		
	Myrtle (myrtifolium). Deep rosy-pink. Very					
		$18-24$ in. $2-2\frac{1}{2}$ ft.	$9.00 \\ 12.00$			
OT	IOD/III A	3-3½ ft.	15.00			
SH	IORTIA. galacifolia, Oconeebells					
	6-9 inches high. A b leaves and white bell-si thriving under Rhodo	eautiful and ra haped flowers in	earliest Sprin	green with g g. A dainty g	alax-shaped round-cover	
		Strong	50	4.50	20.00	

Strong

VACCINIUM, Blueberry.
vitisidaea, Cowberry.
Very prostrate ground-cover vine with dark red berries. Fine rockery plant.

4.50

39.00



Photo by Thompson Bros., Knoxville, Tenn.

Each 10 100
VIBURNUM, Viburnum.
rhytidophyllum, Leatherleaf Viburnum.

Striking shrub to 10 feet high with curious evergreen foliage; particularly handsome in Autumn with its large clusters of fruit changing from red to shining black. 9-12 in. 1.25 11.25 12-18 in. 2.00 18.00

VINCA, Periwinkle. minor, Common Periwinkle.

Hardy Evergreen trailing herb. Flowers lilac-blue. A splendid ground-cover. Strong .25 2.10 18.00 minor alba, White Com-

mon Periwinkle.

A white variety of preceding

.30 2.70 24.00

Where the Snowbird Nests

Clumps

This charming view was taken on Beautiful Mt. LeConte in the Great Smokv Mountains at over 6000 feet elevation. The dainty box-leaved Alleghany Sandmyrtle (Leiophyllum buxifolium prostratum) mantles the rugged cliffs with starry white in a brilliant setting of the bright pink Carolina Rhododendron (R. carolinianum) and the larger purple Catawba Rhododendron (R. catawbiense) while in the background is seen a storm-scarred but rugged Fraser Fir (Abies fraseri.) This is the home of our most beautiful and rare American Trees. Shrubs and Plants, many of them introduced to American Gardens by Harlan P. Kelsev through the Kelsev - Highlands Nursery. Visit these wonderful soft-hazy Mountains with

their brilliant flower display and verdure clad slopes if you can, and then let us introduce to your home landscapes these floral treasures for we have them growing by thousands for your use and pleasure.

Deciduous Trees and Shrubs

ACER, Maple. buergerianum (trifidum Small tree from China		Each	10	100		
S21011 0100 11011 011110	12-18 in.	.60	5.40			
	18-24 in.	1.00	9.00			
ginnala, Amur Maple.	X7-11					
Small tree to 20 feet.			0.77			
1	2-3 ft.	.75	6.75			
palmatum atropurpure Dark purple foliage, d	eeply serrated.	_	_			
	18 in.	3.50	31.50			
platanoides, Norway M Large tree to 100 feet.	aple.	oot troop o	and recover from f	nom diagona		
Large tree to 100 feet.	4-5 ft.	1.00	9.00	81.00		
	5-6 ft.	1.50	13.50	120.00		
	6-8 ft	2.00	18.00	162.00		
8-10 ft.,	1 ³ / ₄ -2 in. caliper 2-2 ¹ / ₂ in. caliper 2 ¹ / ₂ -3 in. caliper	3.00	27.00			
10-12 it.,	2-2½ in. caliper	4.50	$\frac{40.50}{54.00}$			
12-14 It., 14-16 ft	$3-3\frac{1}{2}$ in. callper $3-3\frac{1}{2}$ in. callper	6.00 8.00	54.00			
16-18 ft.,	5-6 in. caliper					
	liper or selection a		orices.			
Pyramidal Silver Maple Columnar form of the	$e (A cer \ dasy carpun$	n pyramid	ale).			
	6-8 ft.	4.00	36.00			
muhaman Dad Manla	8-10 ft.	5.00	45.00			
rubrum, Red Maple. Large tree to 120 feet. Rarely over 50 feet under cultivation. Flowers red or scarlet, rarely yellowish. Foliage turns brilliant scarlet, or orange, in Autumn.						
	2-3 ft.	.50	4.50			
	3-4 ft.	.75	6.75			
Large tree to 120 fee	saccharum, Sugar Maple. Large tree to 120 feet. Excellent street and shade tree of upright dense growth, turning bright searlet and orange in Autumn.					
	4-6 ft.	1.00	9.00	81.00		
	6-8 ft.	1.50	13.50	120.00		
	8-10 ft.	2.50	21.00	195.00		
	10-12 ft.	3.00	27.00			
spicatum, Mountain Maple. Valuable undershrub rarely 30 feet high in the wild. Leaves turn yellow and scarlet.						
	2-3 ft.	.40	3.00			
AMELANCHIER, Shadblo	w.					
Canadensis, Downy Sha Shrub or small tree 6-		clump for	m.			
	18-24 in.	.60	5.40	48.00		
Dwarf Juneberry. A dwarf variety as yet	unidentified.					
	9-12 in.	.25	2.25	21.00		
laevis, Alleghany Shadl	olow.					
Tree rarely 40 or more ing from all others; p white flowers.						
	2-3 ft.	.50	4.50	39.00		
AMORPHA, False-indigo.						
tennesseensis, Tennesse	ee-indigo.	, ,				
Shrub 5 feet or over; 6				owers.		
	2-3 ft.	.60	5.40			
MUCDILIC D	3-4 ft.	.75	6.75			
MMYGDALIS, Peach, Alm davidiana, Chinese Wil- Slender willow-like tre	d Peach.	lowers				
Siender willow-like tre	o o ct	0.5	0.05			

 $^{.25}_{.40}$

2-3 ft. 3-4 ft.

N

HARLAN P. KELSEY, SALEM, MASSACHUSETTS

ARALIA, Aralia. spinosa, Devils-walking	intial:	Each	10	100
Large leaves and enor		lusters.		
	2-3 ft.	.50	4.50	39.00
RONIA, Chokeberry. arbutifolia, Red Chol	keberry.	0 1	1 1 1	
Shrub rarely to 10 fee			undershrub.	39.00
	12-18 in. 18-24 in.	.50 .60	5.40	48.00
	2-3 ft.	.75 1.00	$6.75 \\ 9.00$	
melanocarpa, Black Ch Low shrub to 6 feet. S			9.00	
	9-12 in.	30	2.70	21.00
	1-2 ft. 2-3 ft.	.40	3.00	27.00 48.00
Clumps	2-3 ft. 2-3 ft.	1.25	$\frac{5.40}{11.25}$	40.00
melanocarpa grandifoli Larger than the Black	a, Great Bla		ry. it and flowers	
	18-24 in.	.75	6.75	
ALEA, Azalea. arborescens, Sweet Aza 5-15 feet. In June the stamens, appear in pro 3-6 feet broad in culti- colors striking shades 25 to 75 stems and are	delightfully ofusion, lastin vation; easy of red in late	g for weeks. Be culture. The fo Autumn. The	ecomes a spre liage of this v clumps offere	ading clump ariety often
	3-6 in.	.75	6.75	60.00
	6-12 in.	1.00	9.00	81.00 120.00
	12-18 in. 18-24 in.	2.00	13.50 18.00	162.00
Clumps	18-24 in.	3.00	27.00	240.00
Clumps	18-24 in. 2-3 ft. 3-4 ft.	1.00 1.50 2.00 3.00 4.50 7.00	40.50 63.00	
calendulacea, Flame Az 6-15 feet. The most re representative of our r in his "Travels," calls annex to this most cel appearance of its flowe lead, orange, and brig certainly the most gay striking landscape effe lacea in full bloom. N Azalea calendulacea ar color from light sulphy	ralea. egal of all the cich Carolina it the fiery sebrated species, which are the gold, as and brillian et can be procearly all quoe esplendid churyellow to de control of the control of	e species, nati- mountain flora Azalea," and se ies of Azalea, t in general of t well as yellow t-flowering shr duced than a h ted above 18 i umps, with a n een red.	nass of buds, a	and range in
	3-6 in. 18-24 in.	1.50	$\frac{6.75}{13.50}$	$60.00 \\ 120.00$
~,	2-3 ft.	.75 1.50 2.00 3.50	18.00	120,00
Clumps Clumps	2-3 ft. 3-4 ft.	3.50 6.00	31.50 54.00	
anescens, Piedmont A Deep pink flowers and	zalea.		13.50	
japonica, Japanese Aza Shrub to 6 feet. Flowe at Arnold Arboretum.	lea. rs salmon-rec	l, brick-red or	carmine. The	type grown
at Arnold Arboretum.	4-6 in.	1.00	9.00	81.00
	6-9 in. 9-12 in.	$\frac{1.80}{2.50}$	$\frac{15.00}{22.50}$	
kaempferi, Torch Azale Shrub to 12 feet; brigh some; hardy in New E	a. t orange-red			Very hand-
some, nardy in New E	ngianu.	4 00	0.00	0.4.00

31

1.00 1.50 2.25 3.50 9.00 13.50 21.00

81.00

6-9 in. 9-12 in. 12-18 in. 18-24 in.

THE BEST HARDY AMERICAN AZALEAS



1. Aza¹ea viscosa 4. Azalea calendulacea 5. Azalea arborescens

2. Azalea nudiflora

3. Azalea vaseyi

AZAKEA Continued		Tr. al	10	100
AZALEA, Continued kosteri.		Each	10	100
Hybrid forms from kae	mpferi.			
Toute Thomas and	2-4 in.	.75	6.75	
Louisa Hunnewell. Seedlings from this inte	resting new Az	alea: as vet	unknown cole	ors.
	3-6 in.	1.50	13.50	
nudiflora, Pinxterbloom Beautiful clear pink, blo		wler foot foll	ouring Aralas	*********
		.60	5.40	48.00
Clumps 1 Clumps	18-24 in.	1.50	13.50	
Clumps Clumps	2-3 ft. 3-4 ft.	2.50 5.00	22.50 45.00	201.00
pontica x nudiflora.	0 1 10.	0.00	20.00	
New Hybrids, as yet ur		.60	5 40	
poukhanensis, Korean A	2-4 in.	.00	5.40	
Shrub 1-3 feet. A beaut flowering freely as a s	tiful variety, p	erfectly har	dy at Arnold	Arboretum;
flowering freely as a sunique among the Azal	mall plant; th	e purple-lila	c color of th	e flowers is
unique among the Azar	2-18 in.	3.50		
quinquefolia (pentaphyllu	m), Cork Aza	lea.	1 1 1 1 0	
Japanese species formin		small tree;		lowers.
rhombica, Rose Azalea.	1-3 in.		4.00	
Shrub 3-S feet; broad fl				
rosea, Downy Pinxterblo	1-3 in.	. 60	5.40	48.00
Hardy American species	s; 4-6 feet high	, with brigh	t rose-colored	flowers.
	2-4 in.	.40	3.60	33.00
schlippenbachi, Royal A Shrub 3-8 feet; with ver	zalea.	a colored fo	mora unnor l	chan an attail
reddish-brown.	y large pare ros	se-colored no		oves spotted
vaseyi, Pinkshell Azalea.	3-6 in.	2.40	21.00	
6-15 feet. This showy A duced by Highlands N perhaps the most profu conspicuous as its whit April or May before the tion it becomes more s growth. Autumn usual enhancing its beauty ar	zalea was discoursery very so use bloomer of e, pink or deep foliage. Of ere spreading, whil	e retailing	ине спагиния	HATI PIETI-
ennancing its beauty ar	9-12 in.	1.00	9.00	81.00
1	2-18 in.	1.50	13.50	120.00
	8-24 in.	2.40	21.00	
wiscosa, Swamp Azalea. White, sometimes tinge hight of 10-12 feet. Qui	ed with pink. te fragrant.	Makes fine	clumps, often	reaching a
	12-18 in.	.60	5.40	48.00
Clumps	18-24 in. 12-18 in.	1.00 1.25	9.00 11.25	81.00 102.00
Clumps 1	18-24 in. 2-3 ft.	1.25 1.75	11.25 15.75 22.50	141.00
Clumps Clumps	3-4 ft.	2.50 3.50	31.50	201.00
Clumps	4-5 ft. 5-6 ft.	6.00 8.00	54.00 72.00	
Clumps yodogawa, Yodogawa Az		0.00	12.00	
Flowers double, rosy-lile	ac, spotted dar .8-24 in.	k purple. 5.00	45.00	
BERBERIS, Barberry.	PV			
koreana, Korean Barber Shrub to 6 feet. Hands red fruit persisting until	ome species wi Spring. Perfec 2-3 ft.	th broad leatly hardy.	ives, deep red	and bright
poireti, Poiret Barberry.				
Shrub to 5 feet; slender handsome.	purplish bran	cnes, deep b	lood-red fruit	; hardy and
	6-9 in.	.40	3.60	

Berberis, Continued	Each	10	100
thunbergi, Japanese Barberry		. 10	100
Dense shrub 2-5 feet. Large coloring, Widely used for hed	brilliant red f	ruit and brilliant	scarlet Fall
12-18 i	in3	5 2.75	24.00
18-24 i	in60	0 5.40	48.00
2-3 f	t7	6.75	60.00
thunbergi maximowiczi, Cora Variety of Berberis thunbergi		iant fruit and col	oring.
12-18 i	in60	0 5.40	48.00
18-24 i	in7	5 6.75	60.00
thunbergi minor, Box Barber	ry.		
Dwarf form of Berberis thunk	oergi; useful for	low hedges.	
6-9 i			33.00
9-12 i			48.00
12-18 i	in7	6.75	60.00
vernae, Verna Barberry. Shrub to 6 feet, with long slend small red fruits.	der bright red br	anches which dro	p gracefully
6-9 i	in50	0 4.50	
vulgaris, European Barberry. Shrub 4-12 feet, one of the bes	t of all for borde	r and woods plant	ng,
6-9 i	in2	5 2.10	
BETULA, Birch. alba, European White Birch. Tree to 60 feet. Shining white			
5-6 f	ft. 1.2	5 11.25	
Cutleaf Weeping Birch (pendu Very popular weeping form of		ch.	
4-5 i	ft. 2.50	0 21.00	
lenta, Sweet Birch. Tree to 70 feet. Very handson	me.		
3-4 f	it50	0 4.50	



Photo by Herbert W. Gleason, Boston

TORCH AZALEA (A. kaempferi). Very handsome with bright orange-red flowers and yellow anthers.

BETULA, Continued lutea, Yellow Birch.		Each	10	100
Tree sometimes 100 f	eet. Silvery-gra	y to reddish-	brown bark.	
	2-3 ft.	.40	3.60	
nigra, River Birch.				_
Tree 50-90 feet. Redd				il tree.
	3-4 ft.	.75	6.75	01 00
	4-5 ft. 5-6 ft.	$\frac{1.00}{1.50}$	$9.00 \\ 13.50$	81.00
	6-8 ft.	2.00	18.00	
papyrifera, Canoe Birc Ornamental tree rarel	h.			loose grace
ful head when older.				
	5-6 ft. 6-8 ft.	1.50	13.50	
	10-12 ft.	$\frac{2.00}{3.50}$	18.00 31.50	
	12-14 ft.	5.00	45.00	
SUDDLEIA, Butterflybus	h.			
davidi magnifica, Oxey Shrub 3-8 feet. Large	e Butterflybu	sh.		
Shrub 3-8 feet. Large		ole flowers wit	h deep orange	eye.
	12-18 in.	. 60	5.40	
CALLICARPA, Beautyber purpurea, Chinese Flowers pink, fruit lil	ry. Beautyberry.	,		
Flowers pink, fruit ill				
	Clumps	. 60	5.40	
ALYCANTHUS, Sweetsh	rub.			
floridus, Common S Shrub 3-6 feet. Dark	weetsnrub.	from t flow		
GHI UD 3-0 1eet. Daik	12-18 in.	.60	5.40	
CARAGANA, Peashrub.		.00	0.10	
arborescens, Siberian I Small tree to 20 feet;	Peatree. bright yellow f	flowers.		
	1-2 ft.	. 50	4.50	
CARPINUS, Hornbeam.	2-3 ft.	.75	6.75	
caroliniana, American Bushy tree rarely 40	Hornbeam. feet; slender b	oranches and	dark bluish-gr	een foliage
A fine hedge plant.	5-6 ft.	1.00	9.00	
	6-8 ft.	2.50	22.50	
	8-10 ft.	4.00	36.00	
CARYOPTERIS, Bluebear				
From 2 to 5 feet high	beard. , and violet, or 12-18 in.	lavender-blue	e flowers.	
CASTANEA, Chestnut.		. 10	0.00	
pumila, Chinquapin. Shrub usually under 10) feet. Attracti	ve in flower an	d later with it	s light green
burrs. Edible nuts.	10 10 :	7=	e 75	
PRINTED D	12-18 in.	.75	6.75	
EPHALANTHUS, Buttor	Buttonbuch			
occidentalis, Common Shrub 3-12 feet. Flow	ers in hells an	nearing late is	summer Th	rives in anu
good soil and at home	in wet bogs.	pearing rate in	i summer. In	lives in any
	18-24 in.	.40	3.60	
ERCIDIPHYLLUM.				
japonicum, Katsuratre	e.	momidal habi	ti handsoms	roon folian
Handsome tree, usuall				teen romage
EDCIS Dodbud	4-5 ft.	1.75	15.75	
ERCIS, Redbud.	Radbud			
canadensis, American Tree to 40 feet; usual	ly much less:	very desirable	under-growtl	tree; with
rosy-pink flowers in ea	arly Spring.			,
			0.00	
TELEGRAL A PROPERTY OF THE	3-4 ft.	1.00	9.00	
CHIONANTHUS, Fringetr	3-4 ft.	1.00	9.00	
CHIONANTHUS, Fringetr virginica, White Fringe Large shrub or slender	3-4 ft.	1.00	fragrant: 4-6	inch pendu-
HIONANTHUS, Fringetr virginica, White Fringe Large shrub or slender lous white-fringed flow	ee. etree. tree rarely to yers.	1.00 30 feet. Very	fragrant; 4-6	inch pendu-
CHIONANTHUS, Fringetr virginica, White Fringe Large shrub or slender lous white-fringed flow	ee. etree. etree rarely to vers. 2-3 ft.	30 feet. Very	fragrant; 4-6	inch pendu-
CHIONANTHUS, Fringetr virginica, White Fringe Large shrub or slender lous white-fringed flow	ee. etree. tree rarely to yers.	30 feet. Very	fragrant; 4-6	inch pendu-

CLADRASTIS, Yellowwood. lutea, Yellowwood.		Each	10	100
Tree sometimes 50 feet One of our most beautifu	high; droopin	ng panicles o	of white fragr	ant flowers.
	5-6 ft.	1.50	13.50	
	6-8 ft.	2.00	18.00	
CLETHRA, Clethra.	3-10 ft.	3.50		
alnifolia, Summersweet. Shrub 3-10 feet. Flowers	fragrant in er	ect panicled	racemes. July	-September.
	2-18 in.	. 50	4.50	
tomentosa, Woolly Cleth Later blooming than Cle	thra alnifolia			
CORNUS, Dogwood.	-12 in.	1.00	9.00	
alba sibirica, Coral Dogwood. Shrub 8-10 feet; branche	ood. s bright coral			
12	2-18 in.	.40	3.60	
	2-3 ft. 3-4 ft.	.60 .75	$\frac{5.40}{6.75}$	60.00
alternifolia, Pagoda Dogw			0.10	00.00
Shrub rarely to 25 feet; b dark blue.	ranches form			
	6-9 in.	.40	3.60	33.00
amomum, Silky Dogwood Shrub 3-10 feet with pur				
18	3-24 in. 2-3 ft.	. 40	3.60	33.00
	3-4 ft.	.60 1.00	5.40 9.00	48.00 81.00
florida, Flowering Dogwo Shrub or small tree 10-1 bracts and scarlet fruit.	od. 5 feet, rarely	to 40 feet.	Flowers with ful of America	large white
trees.	2-3 ft.	.60	5.40	
	6-8 ft.	.60 2.40	21.00	
10	3-10 ft.)-12 ft.	3.50 5.00	31.50 45.00	
12	2-14 ft.	7.00	63.00	
sanguinea, Bloodtwig Do Shrub 6-12 feet; purple of	gwood.			
18	3-24 in.	. 50	4.50	39.00
stolonifera, Redosier Dog	2-3 ft. wood.	.75	6.75	60.00
Shrub to 8 feet; dark red		nes; white ii		00.00
12	2-18 in. 3-24 in.	. 60	4.50 5.40	39.00 48.00
	2-3 ft.	.75	6.75	60.00
stolonifera flaviramea, Go Shrub 4-8 feet; bright ye	oldentwig D llow branche	ogwood. s.		
	2-3 ft.	. 50	4.50	39.00
COTONEASTER, Cotoneaste acutifolia, Peking Cotone Fine shrub to 12 feet in	er. easter. hight with ov	oid black fr	uit.	
	3-24 in.	. 50	4.50	
acutifolia villosula. Shrub to 10 feet; black f				
	?-18 in.	1.25	11.25	
bullata floribunda.	3-24 in.	1.75	15.75	
Dark green leaves and lu			10.70	100.00
3½ in. p	ots 12-18 in.	1.50	13.50	120.00
dielsiana, Diels Cotoneas Shrub to 6 feet; slender	ter. arching brane	hes; fruit pe	ndulous, cora	l-red.
2½ in. p 2½ in. p	ots 5-6 in.	1.00	13.50	81.00
Shrub to 6 feet; slender a $2\frac{1}{2}$ in. p $2\frac{1}{2}$ in. p $2\frac{1}{2}$ in. p $2\frac{1}{2}$ in. p	ots 9-12 in.	2.00	18.00	

COTONEASTER, of divaricata, Spre	Continued eading Cotoneaster. o to 6 feet. Very handso:	Each	10	100
Upright shrub fruit.	to 6 feet. Very handso	me when stu	dded with its	bright red
	3½ in. pots 3-6 in. 3½ in. pots 6-9 in. 12-18 in.	$1.00 \\ 1.50 \\ 2.00$	9.00 13.50 18.00	81.00 120.00
horizontalis, Ro	ock Cotoneaster.	fruit, verv s	uitable for ro	ekeries
	3½ in. pots 6-9 in. 3½ in. pots 9-12 in.	1.00	9.00	81.00
horizontalis per		1.50	13.50	120.00
	species with smaller le			
	$2\frac{1}{2}$ in. pots 3-6 in. $3\frac{1}{2}$ in. pots 6-9 in.	1.00 1.50	$9.00 \\ 13.50$	$\frac{81.00}{120.00}$
horizontalis wil	soni, Wilson Cotonea	ster.		
		1.00	9.00	81.00
	$3\frac{1}{2}$ in. pots 3-6 in. $3\frac{1}{2}$ in. pots 6-9 in.	1.50	13.50	31.00
	3½ in. pots 9-12 in.	2.00	18.00	
hupehensis, Hu	peh Cotoneaster.			
-	4 in. pots	2.50	21.00	
integerrima, Eu Shrub to 4 fee	ropean Cotoneaster. et; fruit globula; bright			
		1.00	9.00	81.00
	$2\frac{1}{2}$ in. pots 3-6 in. $2\frac{1}{2}$ in. pots 6-9 in.	1.50	13.50	01.00
	$2\frac{1}{2}$ in. pots 9-12 in.	2.00	18.00	
lucida.	1 1 1 10 6 1 6 1	11.1.1.1	,	
Upright dense	shrub to 10 feet; fruit			
	6-9 in.	. 50	4.50	
	9-12 in. 2-3 ft.	$\frac{.75}{1.00}$	$\frac{6.75}{9.00}$	
nitens.	2-3 10.	1.00	9.00	
	; pendulous purplish-bl	ack fruit.		
		1.50	13.50	120.00
	$2\frac{1}{2}$ in. pots 3-6 in. $2\frac{1}{2}$ in. pots 6-9 in.	1.75	15.75	141.00
zabeli.	-,2 2			
Shrub to 6 fee	et; ovoid red fruit.			
	2½ in. pots 6-9 in.	1.75		
	$2\frac{1}{2}$ in. pots 9-12 in.	2.00	18.00	
	$2\frac{1}{2}$ in. pots 12-15 in.	2.40	21.00	
CRATAEGUS, Haw arkansana, Ark	v thorn. ansas Hawthorn. t; very handsome in Au	tumn with it	s abundant b	rilliant crim-
son fruits.	o, .o., <u>nanabonno</u> in ira		o as anaant o	
	9-12 in.	. 50	4.50	
arnoldiana, Arn Tree to 20 fee	old Hawthorn. t; fruit bright crimson.			
	12-18 in.	.50	4.50	
	2-3 ft.	1.25	11.25	
coccinea, Thick	et Hawthorn. 20 feet; ½ inch long re	d fruit.		
	9-12 in.	. 25	2.10	
	12-18 in.	.50	4.50	
andete Washie	adton Howthown			
Tree to 30 fee	n gton Hawthorn. et. A very desirable sp	ecies; beauti	ful Fall color	ing and long
clusters of bri	ght red fruit remaining	a long time	on the branch	es.
	9-12 in.	. 50	4.50	
cruedalli Coalco	nur Thorn			
crusgalli, Cocks	to 40 feet; very decora	tive species	handsome in	bloom and
showy bright	red fruit remaining unti	l Spring.	,	
,	12-18 in,	.50	4.50	
monogyna albo	plena, Double English to 20 feet high, with do	uble white	owere	
SHILID OF ILES				
	2-3 ft.	1.50	13.50	

CRATAEGUS, Continued		Each	10	100
nitida, Glossy Hawthor Tree to 30 feet. Very	'n. ornamental wit	h lustrous fo	liage and per	sistent dark
red fruit.	18-24 in.	.60	5.40	
peregina, Persian Hawt		.00	0.10	
Tree to 30 feet; dull p	urple fruit ½ ir			
	12-18 in.	.75	6.75	
pruinosa, Frosted Haws Shrub or tree to 20 fee	t horn. et: fine dark pu	rple fruit.		
2M142 01 0100 00 20 100	18-24 in.	. 50	4.50	
prunifolia, Plumleaf Ha Shrub or tree to 30 fee	awthorn. et; fruit red.			
	6-12 in.	.40	3.60	33.00
punctata, Dotted Hawt Tree to 25 feet; horizon	ntal spreading b			ing soon.
	18-24 in. 6-8 ft.	1.00	4.50 9.00	81.00
	8-10 ft.	2.00	18.00	162.00
tomentosa, Pear Hawth	orn.			
Shrub or tree to 20 fee	et; small fruit d 12-18 in.	.50	yellowish-red 4.50	•
CYDONIA, Quince.				
japonica, Flowering Qu Shrub 3-6 feet; spread inches across in early	ince. ing spiny brand Spring	ches; clusters	of scarlet-red	l flowers 1-2
inches across in early i	9-12 in.	.50	4.50	
DEUTZIA, Deutzia. gracilis, Slender Deutzi	ia.			in n
Shrub to 3 feet; slender	9-12 in.	.30	2.70	in racemes.
	12-18 in.	.50	4.50	
lemoinel, Lemoine Deu Spreading shrub to 3 i	eet, with very			
	12-18 in.	.30	2.70	
	18-24 in. 2-3 ft.	.50 .75	$\frac{4.50}{6.75}$	
Pride of Rochester. Strong growing shrub tinged pink.	; very profuse	bloomer; la	rge double w	hite flowers
	12-18 in.	.30	2.70	
	18-24 in. 2-3 ft.	. 50 . 75	$\frac{4.50}{6.75}$	60.00
	3-4 ft.	1.00	9.00	81.00
scabra, Fuzzy Deutzia. Shrub to 4-6 feet. Flow	vers white or bl	ush.		
	18-24 in.	. 50	4.50	39.00
scabra crenata. Shrub to 6 feet; stron	2-3 ft.	.75 etv of the Fi	6.75	with brown
branches.	18-24 in.	. 50	4.50	
	2-3 ft.	.75	6.75	60.00
rivularis, Georgia Bush Shrub 4-6 feet with de	honeysuckle.	wers sulphur-	yellow.	
	1-2 ft.	.40	3.60	33.00
ELAEAGNUS, Elaeagnus. angustifolia, Russianol Shrub or small tree so		t. oval vellow	fruit coated	with silvery
scales.		.,		
	1-2 ft.	. 50	4.50	
longipes, Cherry Elaeag Shrub to 6 or 8 feet. Br	ight scarlet edib			underneath.
	18-24 in.	. 50	4.50	



Photo Courtesy of Arnold Arboretum

REDVEIN ENKIANTHUS

ENKIANTHUS, Enkianthus.	Each	10	100
campanulatus, Redvein Enkian			
The beautiful ericaceous shrub	reaches a hight of	15 ft. tho :	more often 6
to 8 ft. in cultivation. This charming			
den. Masses of bell-shaped flowers; ye	llowish or pale orang	ge, veined d	larker red on
pendulous stalks in May. One of the l	nandsomest of erica	ceous plants	s; foliage tur-
ning brilliant red in Autumn.		_	_

18-24 in.	1.50	13.50	120.00
2-3 ft.	2.50	22.50	202.50

EUONYMUS, Euonymus.
alatus, Winged Euonymus.
Spreading shrub to 8 feet; leaves turning brilliant crimson color in Autumn; corky wings on branches; a very beautiful shrub.

9-12 in.	.60	5.40	
12-18 in.	.75	6.75	60.00
18-24 in.	1.00	9.00	

bungeanus, Winterberry Euonymus. Shrub to 15 feet; with brilliant orange and pink fruit remaining a long time on the branches.

18-24	in.		7	5
2-3	ft.	1	2!	š

europaeus, European Burningbush.

Small tree to 20 feet with brilliant yellow and scarlet fruit in Autumn completely covering the tree.

12-18 in.	. 50	4.50

latifolius, Broadleaf Burningbush.
Shrub or small tree to 20 feet; very decorative species with handsome foliage and large pendulous pink fruit.

18-24 in.	.75	6.75
2-3 ft.	1.00	9.00

KELSEI S IIA	KDI AI	WI E KI	AN IL	ANI
EUONYMUS, Continued		Each	10	100
patens, Spreading Euo	nymus.			
Fine shrub reaching 10			_	е.
	12-18 in. 18-24 in.	1.00	$\frac{6.75}{9.00}$	
yedoensis, Yeddo Euon		1.00	5.00	
Large shrub with rem		of pink and	orange four-lo	bed fruit.
	2 ft.	1.50	13.50	
XOCHORDA, Pearlbush				
grandiflora (racemosa), (Slender spreading shru	Common Pearl	bush.	large pure whi	o flowers
April and May; a very	showy shrub.	i iliasses oi .	large pure with	oc nowers .
	2-3 ft.	1.00	9.00	
AGUS, Beech.	Doogle .			
americana, American I Tree to 80 feet or ove	r. One of our bes	st American	ornamental ti	rees for pe
manent planting.				
	18-24 in.	.75	6.75	
	2-3 ft. 3-4 ft.	$\frac{1.25}{2.00}$	$\frac{11.25}{18.00}$	
sylvatica, European Be		2.00	10.00	
Tree to 80 feet or over		than Amer	rican Beech.	
	1½ in. caliper	6.00	54.00	
	1¾ in. caliper	7.00	63.00	
sylvatica heterophylla,			abaubber tage "	
"A very graceful varie		8.00	72.00	
	1¾ in. caliper 2 in. caliper	12.00	108.00	
sylvatica pendula, Wee	ping Beech.			
Variety with long pen-				
_	2 in, caliper	12.00		
sylvatica purpurea, Pur Form with purple leav	rple Beech.			
Form with purple leav	6-8 ft.	15.00		
sylvatica riversi, Rivers		10.00		
Form with dark purpl	e leaves and con	npact habit		
	2 in. caliper	12.00		
	6-8 ft.	15.00		
ORSYTHIA, Forsythia.	evthia			
intermedia, Border For Glossy green foliage a:	nd bright golden	flowers.		
	18-24 in.	.50	4.50	39.00
	2-3 ft.	.75	6.75	60.00
suspense Waspins For	3-4 ft.	1.00	9.00	81.00
suspensa, Weeping For Shrub to 8 feet with sle	ender verv pendu	lous branch	es: masses of go	olden vello
flowers in early Spring			,	
	12-18 in.	. 30	2.70	
	18-24 in. 2-3 ft.	.50 .75	$\frac{4.50}{6.75}$	60.00
suspensa fortunei, For			0.10	00.00
Upright habit with fin	ally arching bra	nches.		
	18-24 in.	. 50	4.50	39.00
	2-3 ft.	.75	6.75	60.00
AVITICACIA Hustab	3-4 ft.	1.00	9.00	
AYLUSSACIA, Hucklebe baccata, Black Huckleb	perry.			
baccata, Black Hucklet Erect shrub to 3 feet	and black swee	t fruit; goo	d ground-cove	r for sand
soils.	10.10.	40	0.00	
	12-18 in.	.40	3.60	
GENISTA, Broom. tinctoria, Woadwaxen.				
Dwarf ground cover.	Shrub to 3 feet c	ompletely o	overed with b	right yello
flowers in June.				
	0-12 in	30	2 40	

. 30

2.40

9-12 in.

GINKGO Biloba, Maiden Tree to 60 feet or ov	er; useful to se		10 e effects.	100
	6-8 ft. 8-10 ft.	2.00 3.50		
HALESIA, Silverbell. monticola, Mountain Pyramidal tree to 90 pletely covered with diameter. Introduced	feet or more in white or pink	bell-shaped flo	Mountains. I wers, an inch	n May com- n or more in
	18-24 in.	1.00	9.00	
HAMAMELIS, Witchhaz virginiana, Common Shrub attaining 25 fo undershrub.	el. Witchhazel. eet; petals brig	ht yellow bloom	ing in late A	utumn; fine
	12-18 in.	.40	3.60	
HYDRANGEA, Hydrange arborescens, Smooth Erect shrub 4-10 ft.;	Hydrangea.	in a shady unde	rshrub plant	ing.
	18-24 in.	.50	4.50	
	2-3 ft.	.75	6.75	
arborescens grandiflor A form with all flowe underplanting and be	rs sterile and v	ery showy; a str	iking and use	eful plant for
	18-24 in. 2-3 ft.	.60 1.00	$\frac{5.40}{9.00}$	
paniculata, Panicle H Shrub or small tree r	ydrangea. arely attaining			more grace-
ful than the Peegee 1		90	0.70	04.00
	12-18 in. 18-24 in.	.30	$\frac{2.70}{5.40}$	24.00 48.00
	2-3 ft.	.75	6.75	
paniculata grandiflora Panicles very large a				
	12-18 in. 1-2 ft.	.35 .50	$\frac{2.40}{4.50}$	
paniculata praecox, E Almost like the type		almost six week	s earlier in J	uly.
	18-24 in.	.50		
	2-3 ft. 3-4 ft.	$\frac{1.00}{1.50}$	9.00	
HYPERICUM, St. Johns aureum, Golden St. J Shrub to 3 feet or ov with mass of golden densiflorum.	ohnswort. ver; large brigh	t yellow flowers nter; blooms Ju .50	to 2 inches ly-August. 4.50	in diameter,
Shrub rarely to 6 fe Summer.				
	1-2 ft.	.40	3.00	27.00
prolificum, Shrubby S Dense shrub to 5 fee	t. Golden yello	w_flowers. July-	_	
ILEX, Holly. monticola, Mountain	1-2 ft. Winterberry.	.50	4.50	
Tree to 10-12 feet, or	rarely 40 feet; 18-24 in.		fruit on ferti. 5.40	ie plants.
	2-3 ft.	$^{.60}_{1.00}$	9.00	
verticillata, Common Thick-growing shrub ing until midwinter.	to 10 feet or ov	er with brillian	t bright red f	ruit remain-
	6-12 in.	30	2.70	24.00
	12-18 in. 18-24 in. 2-3 ft.	.40 .75 1.50	3.60 6.75 13.50	30.00

Each

10

100

LARIX, Larch.

europaea, European Larch.

Large tree of fine pyra	midal growth.	0 / 850 0		
laricina, American Laro	s 15-25 feet, \$25.0	U to \$50.0	J each	
Tree to 60 feet with he The Larches are very very early Spring.	prizontal branches handsome trees,	forming a	a narrow pyra green foliage a	midal head. ppearing in
	2-3 ft.	.60	5.40	48.00
¹ontolonis Ignanoso I a	3-4 ft.	.75	6.75	60.00
leptolepis, Japanese La Tree to 80 feet high ar	id very handsome 18-24 in.	.75	6.75	60.00
	2-3 ft.	1.00	9.00	81.00
LESPEDEZA, Bushclover. formosa, Purple Bushcl Throws up strong and	over. nual shoots, beari	ing masses	of drooping	rose-purple
flowers.	Clumps	.60	5.40	48.00
LEUCOTHOE, Leucothoe.	Ciumps	.00	0.10	40.00
recurva, Redtwig Leuco Shrub to 5-10 feet; brig	ght crimson twigs	-	-	scarlet.
	12-18 in.	.50	4.50	
LIGUSTRUM, Privet.				
Shrub to 6 feet. Shinin	g black fruit.	00	0 70	
	9-12 in. 1-2 ft.	.30	$\frac{2.70}{4.50}$	24.00
amurense, Amur Privet				
The "North" or hardy latter not hardy.	strain with grow			Privet, the
	18-24 in.	.25	2.10	18.00
Ibolium Privet (ibolium) Upright hardy form; v	erv useful instead	of the ter	nder California	Privet.
Oplight hardy form, v	12-18 in.	.25	2.25	21.00
	18-24 in.	.40	3.60	
there There Detect	2-3 ft.	.50	4.50	39.00
ibota, Ibota Privet. Very hardy shrub to 10	0 feet, with spread	ding brane	hes.	
	12-18 in.	.30	2.70	24.00
	18-24 in.	.45	3.90	36.00
ibota regelianum, Regel Low dense shrub with	horizontal spread			
	12-18 in. 18-24 in.	.40 .60	$\frac{3.60}{5.40}$	33,00
	2-3 ft.	.75	6.75	
Variety said to be very	y dwarf and requi	iring little	trimming to	make a low
hedge.	9-12 in.	1.00	9.00	
vulgare, European Prive Shrub to 15 feet; fine	et.			-black fruit
thru the Winter; one o	f the best.			
	18-24 in. 2-3 ft.	.25 .40	$\frac{2.25}{3.60}$	18.00 30.00
	3-4 ft.	.50	4.50	36. 0 0
LONICERA, Honeysuckle. chrysantha, Coralline H Shrub to 12 feet. Flov bright red fruit in Aut	loneysuckle. wers yellowish-wh	ite chang	ing to yellow;	handsome
-	18-24 in. 2-3 ft.	.40 .60	3.60 5.40	
fragrantissima, Winter Very early sweet-scente	Honeysuckle.	,	0.10	
	12-18 in.	.40	3.60	33.00
	2 ft.	.75	6.75	60.00
	42			

ONICERA, Continued	Each	10	100
maacki, Amur Honeysuckle. Large growing shrub to 15 feet with	white flowers a	and dark red	fruit.
12-18 in.	.40	3.60	
morrowi, Morrow Honeysuckle. Shrub to 6 feet. Pure white flowers a	nd blood-red f	ruit.	
12-18 in. 2-3 ft. 3-4 ft.	.30 .60 1.00	2.70 5.40 9.00	81.00
muendeniensis, Muenden Honeysuc Upright shrub; white or pinkish flow		iit.	
2-3 ft.	.60	5.40	
tatarica alba, White Tatarian Honey Similar to Red Tatarian but with pu		rs.	
18-24 in. 2-3 ft.	.40 .75	3.60 6.75	60.00
sempervirens. (See under Vines.) tatarica rosea, Rosy Tatarian Honey Variety with rosy-pink flowers.	suckle.		
18-24 in. 2-3 ft.	.40 .60	3.60 5.40	
White Belle Honeysuckle (bella albida White flowers and red fruit.	:).		
2-3 ft.	.60	5.40	01.00
3-4 ft.	1.00	9.00	81.00

L

LYONIA.

ligustrina, Hehuckleberry.

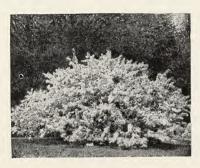
Ericaceous ornamental shrub with fine shiny leaves rarely attaining a hight of 10 feet with globe-shaped white flowers in terminal panicles; fine underships

18-24 in. .60

MAGNOLIA, Magnolia.
glauca, Sweetbay.

Very attractive shrub or small tree with handsome glossy foliage and sweetseented creamy-white flowers. Evergreen in the South becoming deciduous
in the North, but hardy.

2-3 ft. 2.75 24.00



JAPANESE FLOWERING CRAB (Malus floribunda



Photo by Herbert W. Gleason, Boston

A dainty fragrant Flowering Crab

Malus, The Flowering Crabs

THE Flowering Crabs have few rivals among gorgeous Spring flowering trees and shrubs. At the Arnold Arboretum one of the important events of the year is the blooming of the Crabs, followed

by the showy fruit.

They are of easy culture, and whether planted singly or in masses, give remarkable and quick results. Not only are the Flowering Crabs beautiful on the lawn, but they are used to the greatest advantage on a large scale in woodland and other mass plantings, as are Dogwoods and Hawthorns. No group of plants have greater value for enlivening open forest parks and the country roadside. They present striking effects when planted on parking strips of boulevards and wide city

As soon as the ground can be worked is an ideal time for planting. Give rich soil and mulch heavily. Use all the water the soil will take in planting.

Description of species and varieties made up from Arnold Arbor-

etum Bulletins.

Prices of Flowering Crabs

1 year (from grafts) under 1 ft\$.75 each	\$ 6.75 per 10
1-2 ft 1.00 each	9.00 per 10
2-3 ft	11.25 per 10
3-4 ft 1.75 each	15.75 per 10
4-5 ft	22.50 per 10
5-6 ft	31.50 per 10
6-7 ft 4 . 50 each	

MALUS, Crab.

arnoldiana, Arnold Crab.

One of the most beautiful varieties, originating at the Arnold Arboretum. Very large rose-colored flowers, turning to white. 1-2 feet.

atrosanguinea, Carmine Crab. Much like floribunda, but with brilliant carmine flowers. 1-2 feet, 2-3 feet 3-4 feet, 4-5 feet and 5-6 feet.

baccata mandshurica, Manchurian Crab.

Early. From China and Japan; its large pure white flowers quite fragrant, dark crimson fruit hangs on long stems. 1-2 feet.

coronaria, Wild Sweet Crab.

White and pink flowers, delightfully fragrant. Native American species. 1-2 feet, 2-3 feet, 3-4 feet and 4-5 feet.

floribunda, Japanese Flowering Crab.

One of the handsomest, bright pink flower buds, white flowers. Small yellowish fruit much liked by birds. 2-3 feet, 3-4 feet, 4-5 feet and 5-6 feet.

halliana parkmani, Parkman Crab.

Bright rose-red, double flowers hang on long slender stems. A favorite in Japanese gardens. 1-2 feet.

ioensis plena, Bechtel Crab.
Double pink flowers like small clustered roses. 1 year from grafts and 1-2 feet, 2-3 feet and 3-4 feet.

micromalus, Midget Crab.

Early. Pale pink flowers from tiny deep rose-colored buds; small yellow fruit. Pyramidal habit. 1-2 feet, 2-3 feet and 3-4 feet.

niedzwetzkyana, Redvein Crab.

Early. A Russian Turkestan species, remarkable for the red color of flowers, branches, leaves and fruit. 2-3 feet, 3-4 feet, 4-5 feet, 5-6 feet.

prunifolia, Pearleaf Crab.

Rare and perhaps the handsomest of the Asiatic Crabs, at least in fruit, which is 11/2 in. long, very lustrous, bright red or yellow, with a red cheek. 1-2 feet.

KELSEY'S AMERICAN HARDY PLANTS

MALUS, Continued

Each

10

100

prunifolia rinki (ringo), Chinese Apple.
Large white flowers, and red, yellow or green fruit. 1½ in. in diameter. Cultivated for its fruit in China. 1 year from grafts and 1-2 feet, 2-3 feet, 3-4 feet, 4-5 feet and 5-6 feet.

robusta, Cherry Crab.

Very early. Large white fragrant flowers and a handsome tree. Dull red fruit, 1 inch in diameter. 3-4 feet, 4-5 feet and 5-6 feet.

sargenti, Sargent Crab.

Very dwarf spreading Japanese variety. Pure white flowers with bright yellow anthers. Scarlet fruit hanging till Spring. 1 year from grafts and 1-2 feet.

scheideckeri, Scheidecker Crab.

Early. Small tree of pyramidal habit with small bright rose-colored flowers in great profusion. 1-2 feet.

sieboldi calocarpa.

"One of the handsomest (Crabs) in the Arboretum, both in Spring and Au-tumn." Large pink and white flowers, brilliant searlet fruit, half-inch in diameter. 1-2 feet, 2-3 feet, 3-4 feet and 4-5 feet.

spectabilis, Chinese Flowering Crab.

Tall shrub or small tree, large fragrant pink semi-double flowers, medium-size pale yellow fruit. 1-2 feet, 2-3 feet, 3-4 feet and 4-5 feet.

zumi, Zumi Crab.

Pink and white flowers, bright scarlet fruit. 2-3 feet and 3-4 feet.

MENZIESIA, Menziesia. pilosa, Alleghany Menziesia.

Low ericaceous shrub with terminal clusters of yellow or reddish bell-shaped flowers.

12-18 in.	\$.60	\$ 5.40	\$48.00
18-24 in.	.75	6.75	60.00
2-3 ft.	1.25	11.25	102.00

MYRICA, Bayberry, Waxmyrtle.

carolinensis, Northern Bayberry.
Shrub 2-8 feet; very handsome and conspicuous in Winter when covered with gravish-white fruit.

> 6-9 in .35 2.70 24.00

gale, Sweetgale.

Shrub, 1-5 feet, covered with golden-yellow catkins in April. Very useful in bog planting.

10 10 1	25	0.70	04.00
12-18 in.	.35	2.70	24.00
18-24 in	50	4 50	

OXYDENDRUM arboreum, Sourwood.

A very handsome medium-sized tree occasionally to 60 feet, more usually under 20 feet; flowers when a few feet high, a mass of white flowers in Summer and handsome foliage, turning scarlet in Autumn.

18-24 in.	.40	3.60	30.00
2-3 ft.	. 60	5.40	
3-4 ft.	1.00	9.00	81.00
4-5 ft.	1.50	13.50	120.00
5-6 ft.	3.00	27.00	

PHELLODENDRON, Corktree. amurense, Amur Corktree.

Tree to 50 feet, with light gray corky bark. Very handsome large foliage.

2-3	f+	1 00	

chinense, Chinese Corktree.

Tree to 30 feet, grayish-brown bark.

6-9 in.	.25	2.10	18.00
9-12 in.	.40	3.60	33.00
19-18 in	. 60	5 40	

sachalinense, Sakhalin Corktree.

Tree to 50 feet. Dark brown trunk, broad panicles of black fruit; hardiest species in cultivation.

2-3 ft.	1.00	9.00	
3-4 ft.	1.50	13.50	
4-5 ft.	2.00	18.00	
5-6 ft.	2.50	21.00	195.00

PHILADELPHUS, Mockorange.	Each	10	100
coronarius, Sweet Mockorange.			100
Shrub to 10 feet. White or creamy			
12-18 in.	.25	2.10	00.00
18-24 in. 2-3 ft.	.40	$\frac{3.60}{5.40}$	33.00
3-4 ft.	.60 1.00	9.00	
Double Mockorange (coronarius flore Dwarf form and very hardy. Form	pleno).		wers.
2-3 ft.	.50	4.50	
3-4 ft.	1.00	9.00	
grandiflorus (inodorus), Big Scentles Dwarf form and very hardy.		e.	
18-24 in.	.40	3.60	33.00
2-3 ft.	.60	5.40	
lemoinei, Lemoine Mockorange. Dense racemes of white flowers witl	h delicate perf	ıme.	
18-24 in.	.75	6.75	
Zeyher Mockorange (zeyheri). Hybrid of uncertain origin with slig	whtler fragrant	white flowers	
12-18 in.	.25	2.10	18.00
18-24 in.	.40	3.60	10.00
2-3 ft.	. 60	5.40	
4-5 ft.	2.00	18.00	
PHYSOCARPUS, Ninebark. opulifolius, Common Ninebark.	. ,		
Shrub to 10 feet high. Wide-spreadi			
12-18 in. 18-24 in.	.25	$\frac{2.25}{4.50}$	
opulifolius luteus, Goldenleaf Nine Leaves bright yellow.	bark.	4.50	
12-18 in.	.40	3.60	
PIERIS. mariana, Staggerbush. Ericaceous shrub 2-4 feet high; nodd	ling flowers in	axillary cluste	rs; white or
pale pink. 6-12 in.	.50	4.50	39.00
POPULUS, Poplar. nigra italica, Lombardy Poplar.	.00	1.00	
The well-known tall, narrow form u	seful in restric	ted areas but	short-lived.
6-8 ft.	1.00	9.00	
8-10 ft.	1.50	13.50	
simoni, Simon Poplar.	2.50	21.00	
Very rapid grower and useful for wi	indbreaks.		
5-6 ft.	.75		
POTENTILLA, Cinquefoil. fruticosa, Shrubby Cinquefoil.			
Shrub 1-4 feet. Showy bright yellow			
DRINIE Blace Chames	.25	2.25	21.00
PRUNUS, Plum, Cherry. americana, American Plum. A tree with great variations, rarely	reaching 20 fe	et. Parent of	most of the
cultivated native plums.			
1-2 ft. 2-3 ft.	.30	2.40	18.00 39.00
2-3 lt. 3-4 ft.	. 50 . 75	$\frac{4.50}{6.75}$	60.00
besseyi, Bessey Cherry.	.10	0.10	00.00
Low form good for undershrub and		uit edible.	
18-24 in.	. 50	4.50	39.00
	, 00		
2-3 ft. Double Pinkflowering Almond (trick	.75	6.75	60.00
Double Pinkflowering Almond (trick An old-fashioned shrub, 2-4 feet.	.75 hostyla sinensis).	60.00
Double Pinkflowering Almond (trick An old-fashioned shrub, 2-4 feet. 18-24 in.	.75 hostyla sinensis .75	6.75	60.00
Double Pinkflowering Almond (trich An old-fashioned shrub, 2-4 feet. 18-24 in. 2-3 ft. hortulana. Hortulan Plum.	.75 hostyla sinensis .75 1.00	6.75 9.00	60.00
Double Pinkflowering Almond (brich An old-fashioned shrub, 2-4 feet. 18-24 in. 2-3 ft. hortulana, Hortulan Plum. Tree 15-30 feet tall. A useful native	.75 hostyla sinensis .75 1.00	6.75 9.00	60.00
Double Pinkflowering Almond (trich An old-fashioned shrub, 2-4 feet. 18-24 in. 2-3 ft. hortulana. Hortulan Plum.	.75 hostyla sinensis .75 1.00	6.75 9.00	60.00

PRUNUS, Continued		Each	10	100
maritima, Beach Plum				
Important dwarf vari mental with white ma	ety native to	New England followed by d	coast. A bea ull purple fru	utiful orna- it.
	6-12 in. 1-2 ft.	$^{.25}_{.60}$	$\frac{2.25}{5.40}$	21.00
munsoniana, Wildgoos A large western variet	e Plum. v similar to tl	he Hortulan Pl	um.	
	1-2 ft.	.30	2.40	
nigra, Canada Plum. A more showy tree tha best fruit-bearing vari	n the America		s given use to	some of the
	3-4 ft.	1.00	9.00	
orthosepala. Spreading bush 4-5 fee	t high white	flowers and re	d fruit	
oproximg bush 1 0 100	1-2 ft.	.60	5.40	
	2-3 ft.	1.00	9.00	
pumila, Sand Cherry. Dwarf or prostrate, rablack, scarcely edible.			r in hight; fi 5.40	uit purple- 48.00
reverchoni, Hog Plum.				
Shrub 2-6 feet; round				ellow.
	12-18 in.	.50	4.50	
tomentosa, Nanking Cl Very hardy variety pr		rkably fine frui	it.	
Seedlings		$\frac{.60}{1.00}$	5.40	
Seedlings	2-3 ft.	1.00	9.00	
HAMNUS, Buckthorn.	4-5 ft.	1.50	13.50	
caroliniana, Carolina B	4-5 ft.	.50	4.50	
cathartica, Common B	uckthorn.	· -		
Shrub to 10 feet or mor	re with black i	fruit in greatest		ın old hedge
plant.	1-2 ft. 2-3 ft.	.40	$\frac{3.60}{5.40}$	48.00
dahurica, Dahurian Bu		.00	0.40	40.00
Large spreading shrub) feet, larger fr	uit than Con	mon Buck-
thorn.	12-18 in.	. 50	4.50	
HODODA DI I	2-3 ft.	.75	6.75	
HODORA, Rhodora. canadensis, Rhodora An Azalea-like ericaced flowers in early Spring		useful in damp	situations; b	right purple
Cr.	12-18 in.	1.25	11.25	
Clumps	2-3 ft.	3.00	27.00	
HODOTYPOS, Jetbead. kerrioides, Jetbead				
Handsome and disting white flowers in Spring	et shrub with	n bright green	foliage and	conspicuous and Winter.
	6-12 in.	.30	2.70	24.00 '
	12-18 in.	.50	4.50	21.00
HUS, Sumac. copallina, Shining Sum	ac.		fi4.	
Shrub usually quite difficulty foliage; is very handson				
	lgt. 18-24 in.	.25	2.25	21.00
glabra, Smooth Sumac. Very handsome with it	s deeply and			
ODINIA I	18-24 in.	.40	3.60	
OBINIA, Locust. hispida, Roseacacia. Shrub 1-3 feet with bri	stly branches 2-3 ft.	and bright ros	se-colored flow	vers.
kelsevi, Kelsev Locust				
kelseyi, Kelsey Locust. Shrub to 10 feet. Very flowers and purple frui	y handsome ε ts.	and graceful w	ith brilliant	rose-colored
			0.00	

18-24 in. 1.00 9.00

OBINIA, Continued	n Locust	Each	10	100
Tree 30 to 50 feet in pendulous racemes.	cultivation. A	bundant flowe	rs, very fragi	rant in long
pondaro de Tacomico.	18-24 in.	. 25	2.25	
OSA, Rose.	2-3 ft.	.40	3.60	
acicularis, Prickly Ros Low species with solit	e. arv deep-rose	single flowers.	2 inches acro	ss. fragrant
•	12-18 in.	.40	3.60	
11 1 11 1 1	18-24 in.	.60	5.40	
blanda, Meadow Rose. Slender low shrub 2 to		te nink flowers	2-21% in acr	088
Signatura in Silitati = t	9-12 in.	.40	3.60	33.00
canina, Dogbrier.		1		
Upright shrub to 10 fe				pink flowers
	12-18 in.	.30	2.40	
gymnocarpa, Baldhip . Western variety attai		hight: pale pi	ok flowers 1	inch across
Western variety attai	9-12 in.	.40	3.60	men across
hugonis, Hugonis Rose		.10	3.00	
Shrub to 6 feet. Brilli free-flowering Rose; p	ant yellow flor erfectly hardy	wers, $2\frac{1}{2}$ inche and one of the	es across; ver e best of Yell	y handsom ows.
	12-18 in.	1.25	11.25	
	18-24 in.	1.50	14.40	
A dwarf form rarely some in Summer with	6 feet high, ad its shining fol	apted for bord iage and brigh	ers or shrubb t pink flowers	eries; hand s.
	9-12 in.	.25	2.10	18.00
	12-18 in.	.40	3.60	30.00
multiflora, Japanese R Shrub 3-6 feet with r masses. A good perma	ecurving or cli	mbing branche hrub.	s. Small whit	te flowers i
	2-3 ft.	.40	3.60	33.00
nitida, Bristly Rose. Low shrub 18 inches l fine single reddish flo	nigh, branches wers 1-2 inches	covered with r	umerous redo	dish bristles
and bringer roughly are	9-12 in.	.30	2.40	21.00
	12-18 in.	. 50	4.50	
	18-24 in.	.75	6.75	60.00
rubiginosa, Sweetbrier An old-fashioned den and showy scarlet cup	se shrub 4-6 fo	eet high, with	large bright	pink flower
and showy scarlet cup	1-2 ft.	.50	4.50	39.00
	1-2 10.	.00	1.00	35.00
rugosa, Rugosa Rose. Upright shrub attaini large, brick-red fruit.	ng 6 feet with Good hedge p	large single pu	rple flowers a	nd brilliant
	6-12 in.	.30	2.40	21.00
	12-18 in.	. 50	4.50	39.00
setigera, Prairie Rose.				
Attains a hight of 6 f	eet or more, flo	owers deep rose	e, single.	
	1-2 ft.	.40	3.60	
spinosissima, Scotch I	Rose.			
Low shrub 3-4 feet hi flowers usually fine ye	igh. Branches of	covered with b ne best single v	ristles; nume arieties.	rous solitar;
	9-12 in.	.40	3.60	
	12-18 in.	.75	6.75	
spinosissima altaica, A Variety with large wh	Altai Rose.	.75	0.75	
spinosissima altaica, A Variety with large wh	Altai Rose.	.75 1.00	9.00	
spinosissima altaica, A Variety with large wh White Virginia Rose (a Dwarf form with gree	Altai Rose. nite flowers. 2-3 ft. virginiana alba)	1.00		
Variety with large wh White Virginia Rose (a	Altai Rose. nite flowers. 2-3 ft. virginiana alba)	1.00		39.00

10

100

RUBUS, Blackberry, Dewberry, Raspberry. Each

laciniatus, Cutleaf Bla Very ornamental cut beries.	ackberry. -leaved foliage. G 1-2 ft.	ood for rocky	banks and	wild shrub-
odoratus, Flowering R A fine native shrub : splendid subject for i	aspberry. 3 to 5 feet with 1			ike roses. A
SALIX, Willow. alba, White Willow.	light 15-20 in.	.25	2.25	21.00
Large, long-lived tree	e. 3-4 ft.	40	2 60	99.00
	4-5 ft.	.40	$\begin{array}{r} 3.60 \\ -5.40 \end{array}$	33.00
	5-6 ft.	1.00	9.00	
babylonica, Babylon V Weeping habit, 30-40	feet high, the be	est Weeping V		
caprea, Goat Willow.	18-24 in.	. 50	4.50	
Small tree 12-25 feet	high and large sh	nowy catkins.		
	2-3 ft.	.60	5.40	
elegantissima, Thurlo Rapid-growing weepe	er reaching 60-70	feet.		
	3-4 ft. 4-6 ft.	.40 .50	$\frac{3.60}{4.50}$	$\frac{33.00}{39.00}$
humilis, Prairie Willo		. 50	4.50	39.00
Low shrub 3 feet or		n driest situat	ions.	
	2-3 ft.	. 60	5.40	
pentandra, Laurel Wil Small tree to 20 feet,	shining dark gre			
	2-3 ft. 3-4 ft.	.35 $.50$	$\frac{2.70}{4.50}$	24.00
SAMBUCUS, Elder. canadensis, American	Elder.			
Shrub to 12 feet. Cyr	mes of white now 18-24 in.	ers 10 inches	across in Ju 4.50	ne or July.
	2-3 ft.	. 60	5.40	
nigra aurea, Golden E Variety with golden-	uropean Elder.			
	9-12 in.	.40	3.60	
pubens, Scarlet Elder. Shrub 6-8 feet in cult very showy.		20 feet in the	wild. Berries	s scarlet and 33.00
SORBUS, Mountainash.	•			
americana, American				L 1 . 4 .
Small tree to 30 feet. in the season.	18-24 in.	.60	5.40	nanging late
	2-3 ft.	.75	6.75	
aucuparia, European Larger fruit than Am	erican Mountaina			
	18-24 in.	. 50 . 60	4.50	39.00
	2-3 ft. 3-4 ft.	1.00	$\frac{5.40}{9.00}$	48.00
commixta, Japanese I Small Japanese tree	Mountainash.			
	12-18 in.	. 60	5.40	48.00
	18-24 in. 3-4 ft.	$\frac{.75}{1.00}$	$\frac{6.75}{9.00}$	60.00
	4-5 ft.		13.50	
CDID ADA G	5-6 ft.	$\frac{1.50}{2.00}$	18.00	
SPIRAEA, Spirea. albiflora. Low form, 2 or 3 fee	t high, and white	flowers in de	nse cymes.	
Low form, 2 or 3 fee Anthony Waterer Spin Low shrub, years free	rea.		6.75	
Low shrub, very free	9-12 [*] in.	.40	3.60	32.40
	12-18 in.	. 60	5.40	02.10
	2-3 ft.	1.00	9.00	
	50			

PIRAEA, Continued	Each	10	100
billiard, Billiard Spirea. Shrub to 6 feet high with brigh	t nink flowers		
2-3 ft.		5.40	
3-4 ft.	1.00	9.00	81.00
bumalda, Bumalda Spirea.			
Shrub 2 feet high, flowers deep	pink.		
9-12 in		2.70	
12-18 in. 2 ft.	. 60	5.40	
	.75	6.75	
froebeli, Froebel Spirea. Related to bumalda but a talle	r plant with bri	ght grimson flor	vore
18-24 in.		4.50	vers.
18-24 In. 2-3 ft.		$\frac{4.50}{6.75}$	
		0.10	
japonica ovalifolia, White Japa Shrub to 4 feet, white flowers.	nese spirea.		
	20	2.70	
9-12 in 12-18 in		$\begin{array}{c} 2.70 \\ 4.50 \end{array}$	
	.00	1.00	
thunbergi, Thunberg Spirea. Low shrub with slender arching	branches cloth	ed with feathers	y bright gree
foliage. Very showy in flowers l			40.00
9-12 in 12-18 in		$\frac{2.10}{3.60}$	18.00
	.40	3.00	
vanhouttei, Vanhoutte Spirea. One of the most beautiful of ε quite hardy. A mass of white fl	early blooming arly blooming owers in May o	Spireas, attaini r June.	ng 6 feet ar
18-24 in		2.70	
2-3 ft.	.50	4.50	39.00
veitchi, Veitch Spirea.			
A handsome shrub to 10 feet and	d covered with w	hite flowers in J	une and Jul
18-24 in.		9.00	
2-3 ft.	1.50	13.50	
wallufi. 9-12 in.	.40	3.60	
	.40	5.00	
YMPHORICARPOS, Snowberry. chenaulti.			
A lovely hybrid originating in t	he Arnold Arbo	retum	
1½ ft.	1.00	9.00	
	1.00	0.00	
mollis, Spreading Snowberry. Diffuse shrub of great value for	low plantings		
		e 75	en no
2-3 ft.	.75	6.75	60.00
racemosus (albus), Common Sn Shrub 1-3 feet; very showy in in long recurved racemes.	owberry. Autumn and V	Vinter with sno	w-white fru
10-15 in	. 30	2.70	21.00
2-3 ft.	.75	6.75	60.00
racemosus laevigatus, Garden S Larger variety and larger cluste			
12-18 in.	.40		
vulgaris, Coralberry. Shrub 2-5 feet with slender br	anches covered	with purplish-r	ed fruit un
late Winter. 9-12 in.	.30	2.70	04.00
9-12 III. 12-18 in.		3.60	$\frac{24.00}{33.00}$
YMPLOCOS, Sweetleaf.	.10	0.00	99.00
paniculata, Asiatic Sweetleaf. A beautiful shrub or small tree	e conspicuous fo	or its brilliant t	urquoise fru
in Autumn. 12-18 in.	1.00	9.00	
12-18 in. 18-24 in.	1.50	13.50	
	2.50	21.00	
2-3 ft.			
YRINGA, Lilac. 2-3 ft. Alphonse Lavallee.			
YRINGA, Lilac.' Alphonse Lavallee. Bluish-lilao, double.	1 95	11 95	
YRINGA, Lilac.' 2-3 ft. Alphonse Lavallee. Bluish-lilac, double. 18-24 in.	1.25	11.25	
YRINGA, Lilac.' Alphonse Lavallee. Bluish-lilao, double.		11.25	

SYRINGA, Continued Charles the Tenth.	Each	10	100
Dark lilac-red, single. 18-24 in.	1.00	9.00	
chinensis, Chinese Lilac.	1.25	11.25	
To 10 feet high, flowers usually pur			les.
2-3 ft. 3-4 ft.	$\frac{1.25}{1.75}$	$\frac{11.25}{15.75}$	
japonica, Japanese Tree Lilac. Pyramidal tree to 30 feet. Flowers foot or more long. Very desirable.			icles often 1
18-24 in.	.75	6.75	
2-3 ft. 3-4 ft.	$\frac{1.25}{1.75}$	$\frac{11.25}{15.75}$	
4-5 ft.	2.40	21.00	
josikaea, Hungarian Lilac. Up to 12 or 15 feet. Very valuable violet. 2-3 ft.	as it blooms lat	e in season.	Flowers pale
violet. 2-3 it. 3-4 ft.	$^{1.25}_{1.75}$	$\frac{11.25}{15.75}$	
4-5 ft.	2.40	21.00	
Ludwig Spaeth. Large panicles of dark red flowers.			
18-24 in. 2 ft.	$\frac{1.50}{2.00}$	$\frac{13.50}{18.00}$	
Marie Legraye.		10.00	
One of the best single white forms.		10.50	
18-24 in. 2 ft.	$\frac{1.50}{2.00}$	$\frac{13.50}{18.00}$	
Michel Buchner. Pale lilac, large and very double.	-100	10.00	
2-3 ft.	1.25	11.25	
3-4 ft. Mixed Hybrids.	1.75	15.75	
Include some of the showiest sorts,	, but colors are	not separated	l.
18-24 in.	1.00	9.00	
2-3 ft. 3-4 ft.	$\frac{1.60}{2.75}$	14.40	
Mme. Abel Chatenay. Double white, compact panicles.	2.10		
18-24 in.	1.50	13.50	
Mme. Lemoine. Large double white flowers in dens	-		
Persian White.	1.25	11.25	
Similar to persica but with white f	lowers.		
3 ft.	1.50	13.50	
persica, Persian Lilac. Shrub 5-10 feet, slender arching by panicles 3-4 inches long.			loose broad
18-24 in. 2-3 ft.	$\substack{.75\\1.25}$	$\frac{6.75}{11.25}$	
3-4 ft.	1.75	15.75	
President Grevy. Large beautiful panicles of double			ng.
3 ft. Red Marley (Rubra de Marley).	1.50	13.50	
Lilac-red. Single. 18-24 in.	1.00	9.00	
1-2 ft.	1.25	11.25	
villosa, Late Lilac.	1.75	15.75	Jay on June
Bushy shrub to 10 feet. Pinkish flow 18-24 in.	ers in long broad		viay or June.
3-4 ft.	1.75	$\frac{6.75}{15.75}$	
4-5 ft.	2.40	21.00	
Virginite. White and pink double flowers. 2 ft.	1.50	13.50	
2 10.	1.00	10.00	

SYRINGA, Continued		Each	10	100
vulgaris, Common Lila The best known speci- flowers in large paniel	es sometimes att	aining 20 fe	et. Lilac-blue	or purplish
nowers in rarge painer	18-24 in.	. 50	4.50	
	2-3 ft.	.75	6.75	
vulgaris alba, Commor	n White Lilac.			
MARIY Tomoria	2-3 ft.	.80	7.20	
AMARIX, Tamarix. africana, African Tama Slender shrub with fea	arix. athery foliage an	d delicate pi	nk flowers.	
	3-4 ft.	.75	6.75	
gallica, French Tamari Flowers white or pink		z Shrub or	small tree	
Tiowers white or pinn	2-3 ft.	.75	6.75	
hispida, Kashgar Tama				
Flowers pink in dense	racemes, 2-3 in			icles.
	18-24 in.	. 60	5.40	
pentandra, Fivestamen		at and Cant	amb an	
Pink flowers in large I	1-2 ft.	st and Septe .60	5.40	
LIA, Linden.		.00	0.40	
americana, American l Large tree suitable for	avenue plantin			
	3-4 ft. 4-5 ft.	$\frac{.75}{1.00}$	$\frac{6.75}{9.00}$	
10-12 ft.,	2½-3 in. calipe	r 8.00	3.00	
cordata, Littleleaf Euro	opean Linden.			
Large tree with reddis				veet-scented
	12-18 in. 2-3 ft.	.40 .75	$\frac{3.60}{6.75}$	
vulgaris, Common Line Large tree and largely	den.	planting.		
LMUS, Elm. americana, American I	Elm.			1 4*
One of the best known				
	4-6 ft. 6-8 ft.	.60 1.00	$\frac{5.40}{9.00}$	48.00 81.00
8-10 ft., 1	½-1¾ in. calipe	r 1.50	13.50	120.00
10-12 ft., 12-14 ft.,	13/4-2 in. calipe	r 2.50 r 4.00	$\frac{22.50}{36.00}$	201.00
14-16 ft.,	$2-2\frac{1}{2}$ in. calipe $2\frac{1}{2}$ -3 in. calipe	r 6.00	54.00	
CCINIUM, Blueberry.	, 2			
corymbosum, Highbus Fine stock, grown fro This is the Blueberry	h Blueberry. m seed and cut	tings and tr	ansplanted se	everal times.
is one of the finest orn	amentals. A succ	cess commer	cially only on	acid soils.
	4-6 in.	.30	2.40	21.00
	6-9 in.	. 40 . 50	3.60	30.00
	9-12 in. 12-18 in.	.80	$\frac{4.50}{7.20}$	39.00 63.00
	18-24 in.	1.00	9.00	81.00
pallidum, Blueridge Bl A very fine variety fro fine "bloom" when rip	m the Carolina .	Mountains.	Large sweet b	erries with a
	9-12 in.	.80	7.20	63.00
	12-18 in.	1.00	9.00	81.00
Shrub 2-5 feet with sh		rs on nendu	lous pedicels	
- III do 2 o loce with sh	12-18 in.	.50	4.50	
BURNUM, Viburnum.		. 50	2.00	
acerifolium, Mapleleaf Low slender shrub to black fruit. Handsome	o feet: vellowish	-white flowe	ers in May or	June and
brack fruit, francisome	12-18 in.	.40	umn. 3.60	
	12-18 in. 18-24 in.	.60	5.40	

VIBURNUM, Continued americanum, America	an Cranberryh	Each	10	100
Handsome native shi bright scarlet color us to the European Cra	rub; very decora ntil following Sp	tive fruit on t ring; fruit mak	he branches a ces fine jellies;	nd keeps it far superio
	9-12 in.	.60	5.40	48.00
carlesi, Fragrant Vibu Much branched spre fragrant in April or	eading shrub to	4 feet; pinki	sh or white	flowers ver
	12-15 in.	2.00	18.00	
cassinoides, Witherod Shrub to 6 feet or o borders or shrubberi	ver; fruit pink	changing to d	lark blue; goo	od shrub f
	18-24 in.	.40	3.60	33.00
	2-3 ft. 3-4 ft.	.60 .80	$\frac{5.40}{7.20}$	
dentatum, Arrowwood Bushy shrub reachin	d.			ıit.
	12-18 in. 18-24 in.	.40 .60	3.60	$\frac{30.00}{48.00}$
	2-3 ft.	.75	$\frac{5.40}{6.75}$	60.00
lantana, Wayfaringtre Shrub or small tree black.	ee. to 20 feet; whit 1-2 ft. 2-3 ft.	te flowers; bri	ght red fruit 5.40	changing
lentago, Nannyberry. Shrub or small tree t				
	6-12 in.	.30	2.70	24.00
	1-2 ft. 2-3 ft. 3-4 ft.	$ \begin{array}{r} .40 \\ .60 \\ 1.00 \end{array} $	$\begin{array}{c} 3.60 \\ 5.40 \\ 9.00 \end{array}$	48.00
opulus nanum, Dwar Very dwarf, compact	f Cranberrybu	sh.		
	6-9 in.	.40	3.60	33.00
	9-12 in. 12-18 in.	1.00	$\frac{4.50}{9.00}$	
sieboldi, Siebold Vibu Shrub to 10 feet. La neath; white flowers black.	arge leaves are o			
VEIGELA, Weigela. amabilis, Rose Weigel Vigorous shrub 4-6 fo		of light pink	flowers.	
	18-24 in.	. 50	4.50	
	2-3 ft.	.75	6.75	
Eva Rathke. Flowers rich reddish-	purple.			
	1-2 ft.	.60	5.40	
rosea, Pink Weigela. Very showy with har	ndsome rose-colo	ored flowers.		
	12-18 in.	. 50	4.50	39.00
	18-24 in. 2-3 ft.	$\substack{.75\\1.00}$	$\substack{6.75 \\ 9.00}$	
ANTHORHIZA apifolia, Low shrub 2-4 feet hi in Autumn; one of th	Yellowroot. gh; cut foliage v e best border sh	ery handsome	, changing to	golden col
	6-12 in.	.40	3,60	32.40
ENOBIA, Zenobia. pulverulenta, Dusty Z A charming ericaceou nodding flowers. Rar				
nodding flowers. Rar	e and desirable.	3.00		

3.00

2-3 ft.

Vines, Creepers and Climbers



Photo Compliments of the Arnold Arboretum and E. H. Wilson

The WINTERCREEPER (Euonymus) on building in the Metropolitan

	raiks, bost	.011		
ACTINIDIA, Actinidia.		Each	10	100
arguta, Bower Actinidia.	2 year	1.00	9.00	
AKEBIA, Akebia. quinata, Fiveleaf Akebia		.75	6.75	
AMPELOPSIS. heterophylla, Porcelain	-	,,,,		
	1 year 3 year	.40 .50	3.60 4.50	39.00
quinquefolia, Virginia C	Strong	. 50	4.50	
quinquefolia engelmann	ii, Engelmant Strong	.30	2.70	
tricuspidata (veitchi), Jar	Strong	r. .50	4.50	
	Heavy, 4 year	.75	6.75	
ARISTOLOCHIA. sipho, Dutchmanspipe.	2 year	.50	4.50	
BIGNONIA, Trumpetcreep grandiflora, Chinese Tru	er. Impetcreeper		0.875	
radicans, Trumpetcreep	3 year er.	.75	6.75	
CELASTRUS, Bittersweet.	3 year	.75	6.75	
orbiculatus punctatus,	Christmas Bi 2-3 ft.	ttersweet.	4.50	39.00
	Z-0 10.	.00	1,00	-,,,,,

CLEMATIS, Clematis.	umn Clamat's	Each	10	100
paniculata, Sweet Aut		40	0.00	00.10
	Medium 2 year	.40 .75	$\frac{3.60}{6.75}$	$\frac{32.40}{60.00}$
virginiana, Virginsbow	er.			
EUONYMUS, Euonymus.	2 year	.50	4.50	39.00
Baby Wintercreeper (E	. raaicans minim	. 40	3.60	27.00
obovatus, Running Eu	onymus.	. +0	3.00	27.00
	6-12 in.	.30	2.70	24.00
radicans, Wintercreep	er. 3 year	.60	5.40	48.00
radicans acutus, Sharp		eper.		
	Strong 1 year	.40	3.60	33.00
radicans carrierei, Glo	ssy Wintercree	per.		
radicana colorate	3 year	. 60	5.40	48.00
radicans colorata.	Strong 15-18 in	75	6.75	60.00
radicans vegetus, Bigle				
	2 year	. 60	5,40	48.00
HUMULUS, Hop. Iupulus, Common Hop	n.			
		.40	3.60	33.00
ONICERA, Honeysuckle japonica halliana, Hal	1 Japanese Hon	evsuckle		
Japonica mantana, mai	3 year	.60	5.40	
sempervirens, Trumpe		•		
	18-24 in.	.40	3.60	33.00
YCIUM.	2-3 ft.	. 60	5.40	
chinense, Chinese Mat				
	18-24 in. 2-3 ft.	.30	$\frac{2.70}{3.60}$	
OSA, Rose.	2-0 II.	.40	3.00	
Climbing Roses.	No. 1 No. 2	1.00 .75	$\frac{9.00}{6.75}$	
American Beauty. American Pillar. Crimson Baby Ram Dorothy Dennison. Dorothy Perkins. Dr. W. Van Fleet. Excelsa.		.10	0.10	
Hiawatha. Lady Gay. Pauls Scarlet Climl Silver Moon. Tausendschon. Veilchenblau. wichuraiana, Wich				
CHIZOPHRAGMA. hydrangeoides, Japane	ese Hydrangeav	ine.		
	$2\frac{1}{2}$ in. pots	.75	6.75	
ACCINIUM, Blueberry. vitisidaea, Cowberry.	a	1 00	0.00	
ITIS Crapa	Strong 1-2 in.	1.00	9.00	
ITIS, Grape. vulpina, Riverbank Gr	ape.			
	Strong	.60		
VISTERIA, Wisteria.	. Wistoria			
multijuga, Longcluste	2-3 ft.	1.25	11.25	
sinensis, Chinese Wist		1.20	11.20	
	3 year	1.25	11.25	

Hardy Herbaceous Perennials

In this list will be found a collection of hardy herbaceous perennials that will give a good succession of bloom from early Spring to late Autumn. Nearly all are of easy culture. The usual list of herbaceous perennials offered in American catalogs can be secured and shipped with other orders, so that customers may feel safe in getting full collections.

Prices of herbaceous perennials, unless otherwise noted, 30c each; \$2.40 per 10; \$21.00 per 100.

ACHILLEA VORTOW

ACHILLEA, Yarrow.	Each	10	100
Pearl. ACONITUM, Monkshood.			
uncinatum, Clambering Monkshood.	Strong.		
ALYSSUM, Alyssum.	·f+		
saxatile compactum, Dwarf Goldentu ANEMONE, Anemone.	111.		
japonica, Japanese Anemone. Clumps	, white an	d pink.	
ASCLEPIAS, Milkweed. tuberosa, Butterflyweed.	\$.50	\$ 4.50	\$39.00
ASTER, Aster.	Ø .00	Q 1.00	\$55.00
Mansfield.			
Nenco. novaeangliae, New England Aster.			
novaeangliae roseus, Rosy New Engla	nd Aster.	Clumps.	
Novelty. CHRYSANTHEMUM, Chrysanthemum.			
Hardy clumps, in variety.	.40	3.60	33.00
coreanum, Korean Chrysanthemum.			
CIMICIFUGA, Bugbane. americana, American Bugbane.			
racemosa, Cohosh Bugbane.			
CONVALLARIA majalis, Lily-of-the-val	ley.		
CYPRIPEDIUM, Ladyslipper. spectabile, Showy Ladyslipper.			
1-3 crowns	. 50	4.50	
DICENTRA.	2.7	9.70	24 00
eximia, Fringed Bleedingheart. DIONAEA muscipula, Venus Flytrap.	.35	2.70	24.00
FILIPENDULA, Meadowsweet.			
camtschatica, Kamchatka Meadowsv hexapetala, Dropwort.	veet.		
GALAX aphylla, Galax. Strong Clumps	.50	4.50	39.00
GILLENIA.			
stipulata, Indianphysic. HELONIAS bullata, Swamppink.			
HEMEROCALLIS, Daylily.			
flava, Lemon Daylily.	.40	3.60	
fulva, Tawny Daylily. thunbergi, Japanese Daylily.			
IRIS, Iris.			
cristata, Crested Iris. germanica, German Iris, Mixed Varie	tice		
kaempferi, Japanese Iris, Finest Mixe	ed Colors		
kaempferi, Japanese Iris, Selected Co		4.50	
pseudacorus, Yellowflag Iris.	.50	4.50	
verna, Vernal Iris.			
LILIUM, Lily.	.75	6.75	60.00
browni, Browns Lily. 5-6 in. dia. carolinianum, Carolina Lily.	.10	0.75	00.00
Double Tiger Lily.			40.00
grayi, Grays Lily. henryi, Henry Lily. 6-8 in. dia.	. 60 1.00	5.00 9.00	48.00
philadelphicum, Orangecup Lily.			
regale, Royal Lily.	1.00	9.00	
sargentiae, Sargent Lily. medium superbum. American Turkscap Lily.	2.00	18.00	
superbum, American Turkscap Lily. tigrinum, Tiger Lily.			
wilmottiae, Wilmott Lily.	1.50	13.50	

LYSIMACHIA, Loosestrife.	Each	10	100
nummularia, Moneywort.	Dath	10	100
LYTHRUM, Lythrum.			
salicaria roseum, Rose Loosestrife.			
MISCANTHUS.			
sinensis gracillimus, Maiden Grass.			
Clumps	.40	3.60	33.00
MYOSOTIS, Forgetmenot.			
Dwarf Perpetual (M. scorpioides sempe	erflorens).		
NARCISSUS, Narcissus.			
Paper White.			
PAEONIA, Peony. Selected Colors.	. 60	5.40	48.00
PHLOX, Phlox. Named Varieties in Fin	est Sorts.		
amoena, Amoena Phlox.			
stellaria, Mauve Phlox, Clumps.			
subulata, Moss Phlox.			
White Moss (P. subulata alba).			
PHYSOSTEGIA, Falsedragonhead. virginiana, Virginia Falsedragonhea	a		
POLYGONATUM, Solomonseal.	u.		
commutatum, Great Solomonseal			
PUERARIA, Pueraria.			
thunbergiana, Kudzubean.	.40	3.60	
SARRACENIA, Pitcherplant.	.10	0.00	
drummondi rubra, Drummond Pito	herplant. Dec	en Purple.	
	.50	4.50	
flava, Trumpet Pitcherplant. Yellow			
, , ,	. 50	4.50	
minor, Hooded Pitcherplant. Pale Y	ellow.		
	. 50	4.50	
psittacina, Parrot Pitcherplant. Gre			
	.50	4.50	
rubra, Sweet Pitcherplant. Crimson	. 50	4.50	
SEDUM, Stonecrop.			
lydium, Lydian Stonecrop.			
SEMPERVIVUM, Houseleek. In Variety			
SHORTIA.			
galacifolia, Oconeebells, Strong.	.50	4.50	39.00
g, 1 1 0 0 0 0 1 0 1 0 1 0 1 0 1 0 1			



Reproduced from "Wild Flowers and Ferns" by courtesy of Herbert Durand, Author
GALAX IN FLOWER

THERMOPSIS, Thermopsis. caroliniana, Carolina Thermopsis. THYMUS, Thyme. vulgaris, Common Thyme. TRILLIUM, Trillium. erectum, Purple Trillium. grandiflorum, Snow Trillium. stylosum, Rose Trillium. undulatum, Painted Trillium. VALERIANA, Valerian.	Each	10	100
officinalis, Common Valerian. VINCA, Periwinkle.			
minor, Common Periwinkle. Stron	ng .25	2.10	18.00
minor alba, White Common Periw Clumps	vinkle. .30	2.70	24.00
YUCCA, Yucca. filamentosa, Common Yucca. Strong Clur	mps .50	4.50	



OCONEEBELLS (Shortia galacifolia)

Ferns

Prices of Ferns unless otherwise noted	\$.30	\$2.75	\$24.00
ADIANTUM, Maidenhair. pedatum, American Maidenhair.			
ATHYRIUM (Asplenium). filixfemina, Lady Fern.			
DENNSTEDTIA, Cupfern. punctilobula, Hayscented Fern.			
DRYOPTERIS (Aspidium), Woodfern. marginalis, Leather Woodfern. noveboracensis, New York Fern. spinulosa, Toothed Woodfern. thelypteris, Marshfern.			
ONOCLEA. sensibilis, Sensitive Fern.			
OSMUNDA.			
cinnamomea, Cinnamon Fern.	.40	3.60	33.00
claytoniana, Interrupted Fern.	.40	3.60	33.00
regalis, Royal Fern.	.40	3.60	33.00
POLYPODIUM, Polypody. vulgare, Common Polypody.			
POLYSTICHUM, Hollyfern.			
acrostichoides, Christmas Fern.			

PTERETIS. nodulosa, Ostrich Fern.

Landscape Department

Planning and Planting, and the Use of Hardy Native Plants

The successful carrying out of any landscape improvement depends to so great an extent upon the knowledge, skill, and good taste of the one to whom this work is intrusted, that it is supremely important to start right no matter whether the work be large or small.

By the employment of a trained landscape architect expensive experiments may be avoided and successful results insured. This applies to questions both of design and of practical planting.

There are so many well-trained landscape architects today that there is little excuse for anyone not having the joys that come from well-executed work, based on plans that properly fit each case.

The undersigned takes charge of the laying out and planting of estates, parks, country clubs, cemeteries, and other public or private landscape improvements. Particular attention is given to the use of hardy American plants, which are unquestionably the basis of all the best permanent plantings in this country, and particularly where naturalistic effects are desired. If this fact is ignored, the most finished and lasting results cannot be secured. The formal garden, where in the past exclusively, has wonderful possibilities for the employment of native plants, and especially our magnificent Rhododendrons, Kalmias, and other broadleaf evergreens, as well as Junipers, Hemlocks, Pines and other Conifers. These plants are not only absolutely hardy and unusually free from foreign diseases and pests, but show splendid summer and winter effects that can be produced in no other way. There are, in fact, no foreign plants which can adequately take their place.

Horticultural knowledge, including soil requirements and an intimate acquaintance with plant material, is quite as essential as and co-ordinate with proper designing—facts too often overlooked. Moreover water-color sketches do not constitute landscape gardening. It is an art to be practised only after years of study and experience, and, like painting and sculpture, must be born in one and cannot be altogether acquired.

We are not committed to the use of Native Plants exclusively, and, where useful and advisable, always introduce the best exotics to produce desired results.

The undersigned is prepared to make professional visits for consultation and advice, to make surveys, plans and designs, and to undertake the entire construction, planting, and carrying out of landscape work of all descriptions.

The wild garden, the rockery, and the bog and water garden offer possibilities in the way of interest, distinctiveness and variety that are often almost wholly overlooked or but meagerly taken advantage of.

The mountain or seashore bungalow, the modest town home, and the pretentious estate must each have a treatment suitable to particular needs, though in every case a development should prevail that makes the most of striking natural features or topography, giving to each a character of its own.

Lack of time, distance and other conditions may sometimes lead customers to desire a local landscape architect. I know the leading members of the profession, and at any time on request will gladly recommend landscape architects who may be safely trusted with a commission, large or small. On many smaller undertakings which I may be unable to undertake I recommend reliable Landscape Contractors or Gardeners who are competent.

Landscape Forestry. We do Landscape Forestry, treating woodlands from a landscape standpoint as well as for commercial uses. Our Landscape Department plans and plants large or small estates. Mr. Kelsey is open for consultations and engagements.

Correspondence with those having new grounds to lay out and plant, or unsatisfactory old grounds to make over, is solicited. Charges are reasonable, yet sufficient to warrant the best results in fairness to my clients and myself.

HARLAN P. KELSEY

Hawthorne Building, Salem, Massachusetts

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The Successful Rhododendron Bed

By Harlan P. Kelsey

This includes Rhododendrons, Kalmias, Azaleas, Leucothoes, Blueberries and other ericaceous genera and similar native and exotic plants, and often such "fillers" as Ferns, Lilies, etc., which delight in acid soil conditions and which are usually grouped together to make what is

termed the "Rhododendron Bed."

Soil. This class of plants is most at home in somewhat shady and damp situations and in a porous soil supplying plenty of humus and always showing more or less acid reaction. Limestone (alkaline) soils must be avoided, as a majority of ericaceous plants (Rhododendrons, Azaleas, Blueberries, etc.) are rarely if ever found growing naturally under such soil conditions. Sandy loam is favorable, but in all cases

continuous supply of humus should be provided.

Creating Necessary "Acid" Conditions. Dr. Coville, United States Botanist of the Department of Agriculture, Washington, D. C., has made some very interesting greenhouse experiments which would seem to prove that acidifying soils by the application of aluminum sulfate makes it possible to grow these acid soil plants much more successfully. We are testing out this method on a large scale, and can no doubt give some definite conclusions in another year as to how this method will work in outdoor plantings.

It must be remembered, however, that application of acids will not take the place of humus. Others claim beneficial results by the application of tannic acid in dilution, but this also needs further experiments before the method can be generally recommended. Hardwood sawdust may be used as a mulch, and also ground peat moss or mull, which is

imported from Holland, both having acid reaction.

The above experiments indicate that by suitable treatment, these beautiful cricaceous plants may sometimes be grown successfully on the alkaline soils of the Middle West.

Mulching. This means that the Rhododendron bed should have annually a heavy mulch of hardwood leaves, which is left on the year round to decay. Mulching also keeps the ground cool in summer and warm in winter and protects the fine feeding rootlets of the plants. Removing the mulching in spring to make the beds "look better" is one of the greatest causes of non-success in growing Rhododendrons and similar plants. No expert gardener would ever

think of so doing.

Preparation of Bed. Unless conditions are naturally favorable, excavate two to three feet and fill with woods mold, "Kalmia peat," good loam, rotted field-sods, and perhaps a third in bulk of swamp muck or peat or similar soils. Make a tenth part of the mixture sharp sand, especially where the soil is too clayey. The center of the bed or plantation may be raised 6 to 12 inches above the surrounding ground, after

allowing for natural settling.

Planting. Plant the same depth as before (shown by earth line or "collar" on stem) and firmly press soil around roots with the foot, but don't pack the earth too solid—Rhododendrons are not telegraph poles. "Fillers," including Lilies and other bulbs and smaller ground-covering species, should be planted after the larger plants are all in and properly spaced. Then soak the ground and apply the mulching.

Winter Protection. If convenient, protect them with pine or other evergreen boughs, particularly where exposed to the sun and wind; yet Rhododendrons rarely suffer in the latitude of Boston or Buffalo, if properly planted and mulched. In the latitude of Ottawa and Quebec, Canada, a board fencing may be placed around the edge of the bed and much heavier temporary mulching of straw, etc., filled in almost or quite to the tops of the plants. It is rarely necessary to build a board cover, except on southern exposures to prevent sunburn, or with tender varieties not suitable for general planting and even then evergreen boughs are preferable. Good ventilation must be provided.

Selecting the Location. For the Rhododendron bed a northern exposure is preferable, especially in low elevation in the South, or elsewhere where freezing and thawing is quite continual. A direct winter sun on the frozen leaves of any broadleaf evergreen often kills outright or spoils the foliage. The north side of the building, wall, woods or hill is always preferable, and windswept locations should be avoided unless

proper measures are taken to check the heavy winds.

In Limestone Soils. Excavation is imperative, and fresh soil showing acid reaction substituted. This can be successfully done. A striking example is shown in Highland Park, Rochester, N. Y., where one of the most beautiful Rhododendron and Azalea beds in America has been constructed and planted in a location originally of a heavy limestone nature. Blueberry culture is not a success in limestone soils.

Enemies of the Rhododendron. Rhododendrons, Kalmias, and similar plants have few enemies. The only serious one I know is the Lacewing Fly, which is native from New England throughout the Alleghanies, and is found on Kalmia angustifolia, Rhododendron maximum, Kalmia latifolia, and occasionally on almost any broadleaf evergreen or deciduous tree or shrub. This pest appears in early spring on the under side of the leaves and gets its sustenance by sucking the sap. The leaves turn brown, giving the plant a ragged, unkempt appearance. It is easily disposed of by spraying the under side of the leaves, using a very fine nozzle, with an emulsion of ten gallons of whale-oil soap to one hundred gallons of water. While the Lace-wing Fly is more at home on Rhododendron maximum, it does not hesitate to attack all other species to a greater or less extent. Plants in the shade are rarely infested to any great degree.

The Use of "Fillers." For the best landscape effects, as well as providing a continual succession of bloom throughout the season and actually protecting the Rhododendrons and supply "feathered" edge to the ground, a large variety of shrubs and plants may be employed with the finest results. In fact, the planting of Rhododendrons without the use of "filler" or "edging" plants may give harsh, formal effects, which are neither desirable nor natural in any way. In the use of "fillers" great care must be taken as to time of blooming and color effects, so they do not clash. It is surprising how many "filler" plants can be used without detracting from the broad evergreen effect, and yet supplying an amazing amount of interesting detail and a continuous show of blossoms

against a beautiful Rhododendron leaf background.

Some of the Best "Fillers" and "Edging" Plants. Andromeda polifolia, Chamaedaphne calyculata (Leatherleaf), Leiophyllum buxifolium, L. prostratum, Ilex glabra (Inkberry), Leucothoe catesbaei, Pieris floribunda, Taxus canadensis (Canada Yew), Galax aphylla, Gaultheria procumbens, Houstonia (Bluets), Mitchella repens (Partridgeberry), Shortia galacifolia (Oconee-bells), Vinca minor (Periwinkle), Zanthorniza apiifolia (Yellowroot), Lilies, Trilliums, Erythroniums (Troutlily), Ferns in great variety, Violets, Dicentra eximia (Fringed Bleedingheart), Iris in great variety, particularly pseudacorus and Japanese, Azaleas in variety, llex verticillata, Aronias (Chokeberry) in variety, and many other "berry-bearing" shrubs. Jonquils and other spring bulbs may be used freely in the borders of plantations with charming results.

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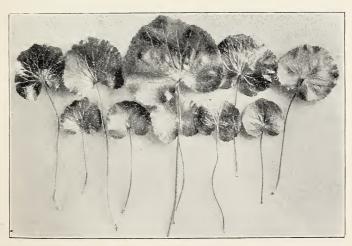
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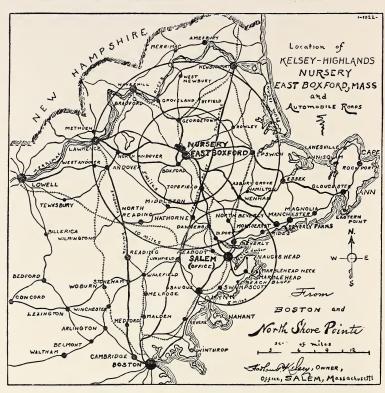
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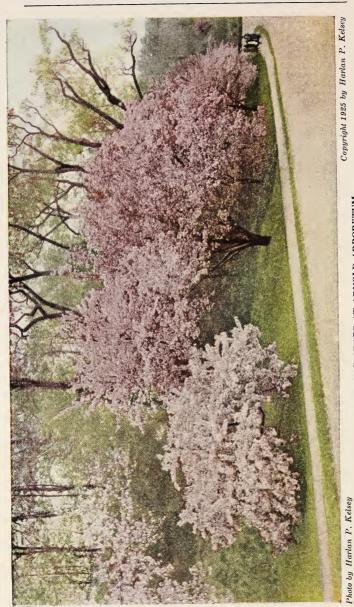
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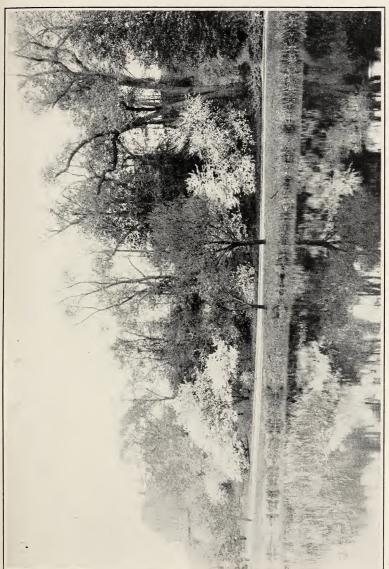
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FLOWERING CRABS AT ARNOLD ARBORETUM From left to right, Malus arnoldiana, spectabilis and scheideckeri.



Flowering Crabs across pond at Arnold Arboretum near Forest Hills entrance

Photo by II. P. K.



Landscaped and Planted by Harlan P. Kelsey. This Rare and Beautiful Rhododendron was introduced to Cultivation by Mr. Kelsey The Carolina Rhododendron on the Estate of Mrs. Charles H. Price, Montserrat, Mass.



Photograph by Harlan P. Kelsey
The Kalmia or Mountainlaurel at Arnold Arboretum, with background of tall evergreens













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1926

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Photo by Herbert W. Gleason, Boston.

CARMINE CRAB (Malus atrosanguinea)

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HARLAN P. KELSEY

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